

030201

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-31736	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Alta Energy Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 767, Vernal, Utah 84078 (801) 789-7701			8. FARM OR LEASE NAME Cowden	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FWL 760 FNL Section 31, T6S, R21E, S.L.B. & M. At proposed prod. zone Same NE/NW			9. WELL NO. #31-3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 22.3 miles South of Vernal, Utah by road			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 760'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T6S, R21E, S.L.M.	
16. NO. OF ACRES IN LEASE 400'			12. COUNTY OR PARISH Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2797.48'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4676'			22. APPROX. DATE WORK WILL START* A.S.A.P.	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	32# K-40	350'	Circulate to surface
7 7/8"	5 1/2"	15.5# J-55	7375'	Cement to above oil shale base approximately 2500'

See Attachments

10 Point
B.O.P.
Location Plat
13 Point Surface Use Plan
Cut Sheet
Topo Map "A"
Topo Map "B"

Anticipated BHP \pm 2,250 psi per Earl Staley
MA

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Earl Staley TITLE Prod. Supt. DATE 11-3-86

(This space for Federal or State office use)

PERMIT NO. 43-047-31708 APPROVAL DATE _____

APPROVED BY Mason Hall TITLE Acting D.M. DATE 2-13-87

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

IDENTIFICATION OF SPECIAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Alta Energy Corp. Well No. 31-3
Location NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31 T6S R21E Lease No. U-31736

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report all water shows and water-bearing sands encountered to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X will be acceptable. If noticeable water flows are encountered, submit samples to this office along with any water analyses conducted by the operator.

2. Pressure Control Equipment

An annular bag-type preventer shall be utilized. Ram-type preventers shall be tested to 2,000 psi and the annular-type preventer shall be tested to 1,500 psi.

All BOPE and testing procedures will be consistent with API RP 53.

3. Casing Program and Auxiliary Equipment

All water zones and other mineral zones will be protected or isolated by the proposed cementing program. If borehole conditions prevent successful completion of the proposed plan, this office shall be notified immediately to determine required remedial protection procedures.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

6. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen	(801) 247-2318
Assistant District Manager for Minerals	

Gerald E. Kenczka	(801) 781-1190
Petroleum Engineer	

R. Allen McKee	(801) 781-1368
Petroleum Engineer	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Alta Energy Corporation

3. ADDRESS OF OPERATOR

P.O. Box 767, Vernal, Utah 84078 (801) 789-7701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FWL 760 FNL Section 31, T6S, R21E, S.L.B. & M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

22.3 miles South of Vernal, Utah by road

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

760'

16. NO. OF ACRES IN LEASE

400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2797.48'

19. PROPOSED DEPTH

7375'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4676'

22. APPROX. DATE WORK WILL START*

A.S.A.P.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	32# K-40	350'	Circulate to surface
7 7/8"	5 1/2"	15.5# J-55	7375'	Cement to above oil shale base approximately 2500'

See Attachments

10 Point

B.O.P.

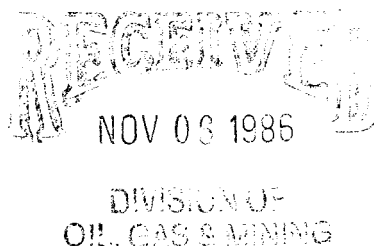
Location Plat

13 Point Surface Use Plan

Cut Sheet

Topo Map "A"

Topo Map "B"



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Earl Stoney

TITLE

Prod. Supt.

DATE

11-3-86

(This space for Federal or State office use)

PERMIT NO.

43-047-31768

APPROVAL DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE *11-13-86*
BY *John R. Bays*

WELL SPACING: *302*

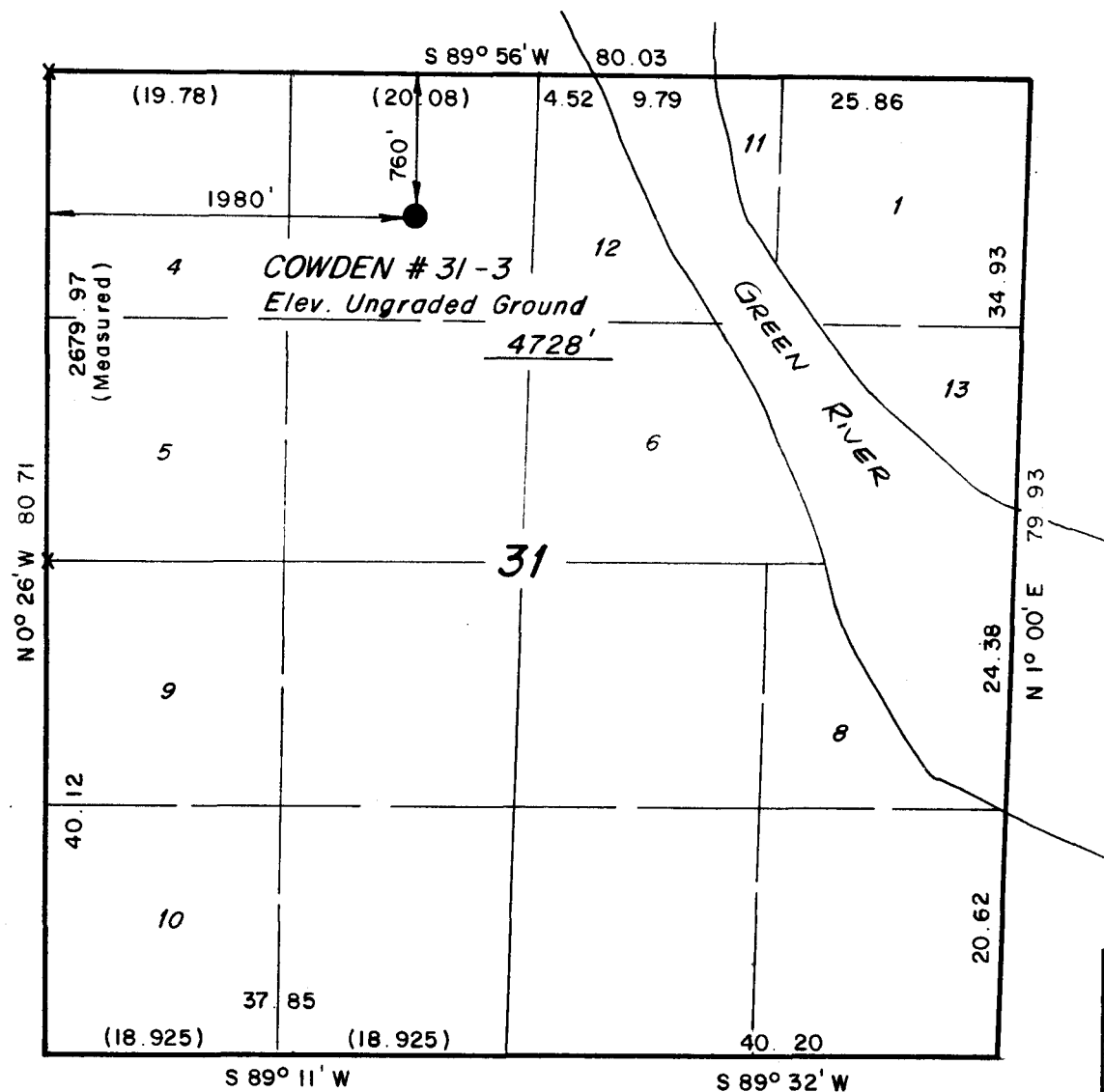
*See Instructions On Reverse Side

T 6 S, R 21 E, S.L.B.&M.

PROJECT

ALTA ENERGY CORP.

Well location, *COWDEN # 31-3*,
located as shown in the NE 1/4 NW 1/4,
Section 31, T6S, R 21E, S.L.B. & M.
Uintah County, Utah.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Nelson J. Smith

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q ~ 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10 / 6 / 86
PARTY D.A. D.S. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE ALTA

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company: ALTA ENERGY CORPORATION

Well No. Cowden #31-3

Location: Section 31, T6S, R21E, S.L.B. & M.

Lease No.: U - 317361

Onsite Inspection Date: October 15, 1986

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Uinta Surface; Green River 3800'; Wasatch 7300'; T.D. 7375'

2. Estimated Depth at which Oil, Gas, Water, or other Mineral Bearing Zones are Expected to be encountered:

	<u>Formation</u>	<u>Zone</u>
Expected Oil Zones:	Wasatch	F - L
Expected Gas Zones:	Wasatch	F - L
Expected Water Zones:	None	
Expected Mineral Zones:	None	

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

3000# Double Gage BOP with pipe rams and blind rams with rotating head.

5 1/2 Production Single Stage from T.D. to above Oil Shale.

ALTA ENERGY CORPORATION

Cowden #31-3

Section 31, T6S, R21E, S.L.B. & M.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

8 5/8" 32# K-40 350' cement to surface

5 1/2" 15.5# J-55 7375' cement to above oil shale base + 2500'

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. Mud Program and Circulating Medium:

Clear water 4000' 3% KCL to T.D.

6. Coring, Logging and Testing Program:

No coring anticipated.

Dual induction laterolog T.D. to surface.

Compensated Density T.D. surface. Neutron Log, Bond Log T.D. to surface.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer(AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

None

8. Anticipated Starting Dates and Notifications of Operations:

Location Construction: Immediately upon approval.

Spud Date: A.S.A.P. after pad and road are completed.

ALTA ENERGY CORPORATION
Cowden #31-3
Section 31, T6S, R21E, S.L.B. & M.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular working day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.4.

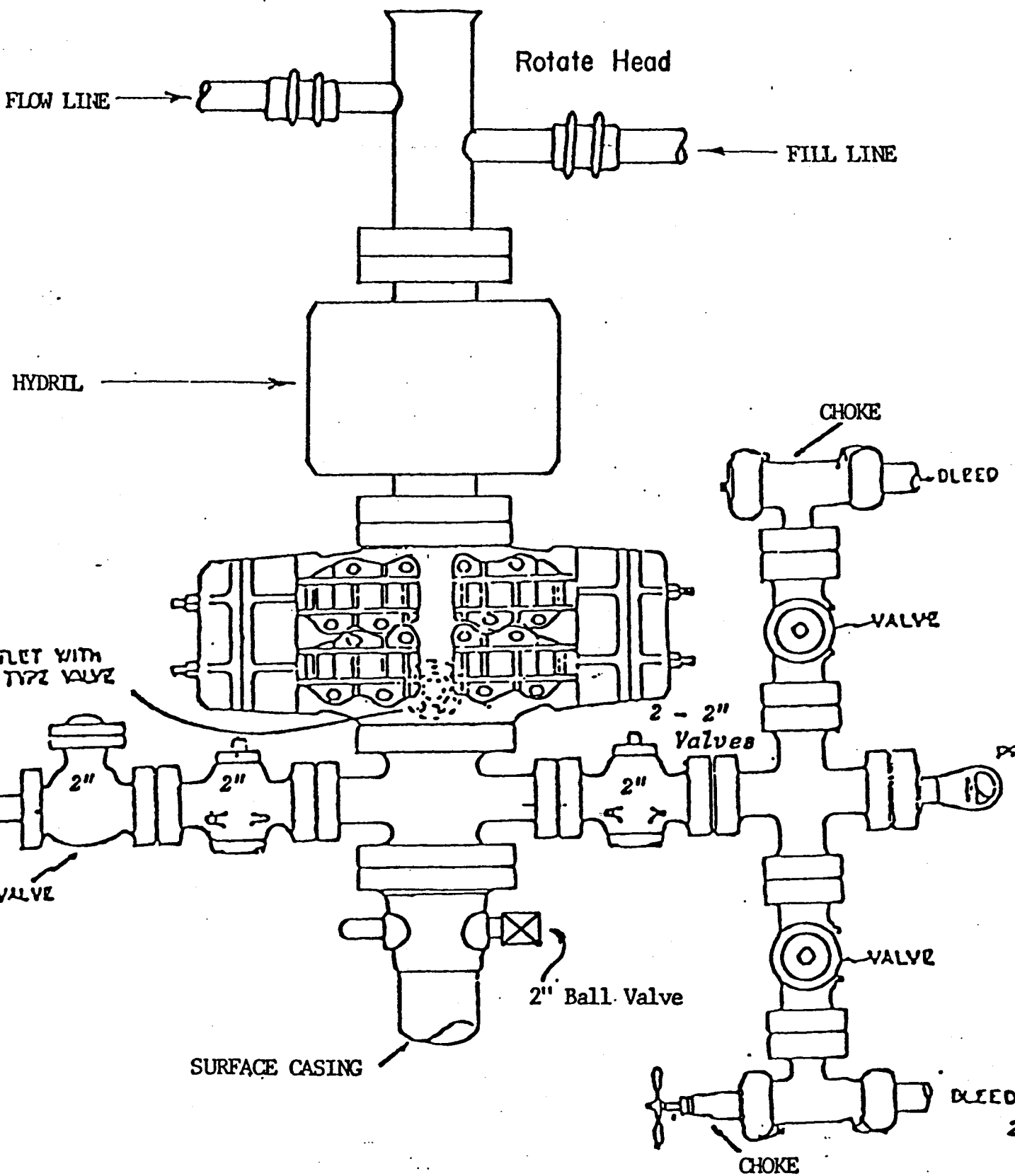
ALTA ENERGY CORPORATION
Cowden #31-3
Section 31, T6S, R21E, S.L.B. & M.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

ALTA ENERGY CORP



CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL
FOR

ALTA ENERGY CORPORATION

COWDEN #31-3

LEASE #U-31736

LOCATED IN THE NE 1/4 NW 1/4
SECTION 31, T6S, R21E, S.L.B. & M.

ALTA ENERGY CORPORATION

Cowden #31-3

Section 31, T6S, R21E, S.L.B. & M.

THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Existing Roads -- describe the following and provide a legible map, labeled and showing:
 - A. Proposed wellsite as staked and access route to location, including distances from point where access route exits established roads. (See topo map) (Actual staking should include two directional reference stakes.)
 - B. Route and distance from nearest town or locatable reference point, such as a highway or county road, to where well access route leaves main road. Proceed Southwesterly from Vernal, Utah on U.S. Highway 40 14 miles to Utah 209; south on Utah 209 four miles; east on dirt county road 4.3 miles to access road.
 - C. Access road(s) to location color-coded or labeled. (see topo map)
 - D. Plans for improvement and/or maintenance of existing roads. (Appropriate rights-of-way for off lease roads should be attached.) (N/A)
2. Planned Access Roads -- describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing:
 - A. Length - 50 feet
 - B. Width - 20 foot right-of-way (flat bladed).
 - C. Maximum grades - 2%
 - D. Turnouts - None needed
 - E. Drainage design - N/A
 - F. Location and size of culverts and/or bridges and brief description of any major cuts and fills - N/A
 - G. Surfacing material (source) - None, existing on location material.
 - H. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None
 - I. Access road surface ownership - B.L.M.

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

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Cowden #31-3

Section 31, T6S, R21E, S.L.B. & M.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 20 feet right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

X The operator/lessee or his successor shall be responsible for all maintenance on cattleguards or gates associated with this and/or gas operation.

3. Location of Existing Wells -- describe the following and provide a map or plat of all wells within a one mile radius of the proposed well location showing and identifying existing:

A. Water wells	None
B. Abandoned wells	None
C. Temporarily abandoned wells	None
D. Disposal wells	None
E. Drilling wells	None
F. Producing wells	Two
G. Shut-in wells	None
H. Injection wells	None

4. Location of Existing and/or Proposed Facilities

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery. The integrity of the dike must be maintained.

Tank batteries will be placed by point #6 on the northwest side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rock Mountain Five State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with O.S.H.A. (Occupation Safety and Health Act) will be excluded.

The required paint color is Desert Brown (10 YR 6-3).

5. Location of Type of Water Supply

A. Show location and type of water supply, either by 1/4, 1/4 section on a map or by written description from the Green River east of location in the NW 1/4 NE 1/4 Section 31, T6S, R21E, S.L.M.

ALTA ENERGY CORPORATION

Cowden #31-3

Section 31, T6S, R21E, S.L.B. & M.

B. State method of transporting water, and show any roads or pipelines needed. Water will be hauled by truck over existing dirt road approximately 1000'.

C. If water well is to be drilled on lease, so state. N/A

*The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Materials

A. Show information either on map or by written description -
On location (B.L.M.)

B. Describe where materials such as sand, gravel, stone, and soil materials are to be obtained and used. on site

*If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

*A minerals material application is not required.

7. Methods for Handling Waste Disposal

A. Describe methods and location of proposed safe containment and disposal of each type of waste material, including:

- (1) Cuttings - Reserve Pit
- (2) Sewage - Chemical Toilet
- (3) Garbage (trash) and other waste material: Contained in wire basket and hauled to landfill.
- (4) Salts - Reserve Pit
- (5) Chemicals - Reserve Pit

B. Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations. These will be contained in pit until dry, and then covered with earth, hazardous wastes will be hauled by truck to the nearest hazardous waste dump.

*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

*Pits are not to be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls, unless otherwise herein provided.

On BLM administered lands:

The reserve pit may be lined. Determination will be made by B.L.M. at time of construction.

ALTA ENERGY CORPORATION

Cowden #31-3

Section 31, T6S, R21E, S.L.B. & M.

*If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge.

Produced waste water will be confined to the reserve pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. Ancillary Facilities

- A. Identify all proposed camps and airstrips on a map as to their location, and area required, and construction methods. (Camp center and airstrip centerlines to be staked on the ground).

X Camp facilities or airstrips will not be required.

9. Well Site Layout -- provide a plat (not less than 1" = 50') showing:

- A. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography. (see cut sheet)
- B. Location of mud tanks, reserve, blooie, and emergency pits, pipe racks, living facilities, and soil material stockpiles, etc. (Approval as used in this section means field approval of location.) (see layout sheet)
- C. Rig orientation, parking areas, and access roads, etc. (see layout sheet)

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

Well Site Layout: The reserve pit will be located on the: Southwest side of the location.

The stockpiled topsoil will be stored on the north end of location between points 7 and 8.

Access to the well pad will be from the: Southeast corner by point #2

10. Plans for Restoration of Surface

A. Provide a restoration program upon completion of operations, including:

- (1) Backfilling, leveling, recontouring, and waste disposal; segregation of topsoil from cut materials as needed.
- (2) Revegetation and rehabilitation--including abandoned access roads or portions of well pads no longer needed (normally per BLM recommendations)
- (3) Proposed timetable for commencement and completion of rehabilitation operations.

B. The following are provisions to be addressed in the restoration plan:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 180 days from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 15 until the ground freezes.

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixture and reseeding requirements.

ALTA ENERGY CORPORATION
Cowden #31-3
Section 31, T6S, R21E, S.L.B. & M.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three quarter inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by what-ever means is practical.

11. Surface Ownership: B.L.M.

Provide the surface ownership (Federal, Indian, State or private) at the well location, and for all lands crossed by roads which are to be constructed or upgraded.

Where the surface of the well site is privately owned, the operator shall provide the name, address, and, if known, telephone number of the surface owner.

12. Other Additional Information

The BLM recommends a general description of:

- A. Topography, soil characteristics, geologic features, flora, and fauna. The topography of the area is relatively flat, above the Green River approximately 1000' east of the location. Vegetation consists of sagebrush, grasses and other desert varieties. Animals consist of rabbits, deer and other small rodents.
- B. Other surface-use activities and surface ownership of all involved lands - Grazing of domestic livestock.
- C. Proximity of water, occupied dwellings, archaeological, historical or cultural sites. The green river is located approximately 1000' East of the location. Farm buildings are located approximately 1000' Southeasterly. No other archaeological, historical or cultural sites are found.

A cultural resource clearance will be required before any construction begins on Federal and Indian lands. However, historic and cultural resource work shall be undertaken only with the written consent of a private surface owner. If the private surface owner refuses entry for that purpose, the lessee or operator shall use its best efforts to conduct its approved operations in a manner that avoids adverse effects on any properties which are listed, or may be eligible for listing, in the NRHP.

ALTA ENERGY COPORATION

Cowden #31-3

Section 31, T6S, R21E, S.L.B. & M.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Mangement Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

Additional Surface Stipulations for BLM, BIA, FS, DWR, or Private Surface Lands:

The operator or his contractor shall contact the BLM Offices at (801) 789-1362 (BLM) between 24 and 48 hours prior to construction activities. Contact Tim O'Brien.

- X The BLM Office shall be notified upon site completion prior to moving on the drilling rig.
- X Blooie pit will be located north of the reserve pit 100' minimum from the rig.

13. Lessee's or Operators Representative and Certification

Representative

Name: Alta Energy Corporation

Address: Drawer 767, Vernal, Utah 84078

Phone No. (801) 789-7701

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

ALTA ENERGY COPORATION
Cowden #31-3
Section 31, T6S, R21E, S.L.B. & M.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Alta Energy Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

11-3-86
Date

Earl Sherry Prod. Supt.
Name and Title

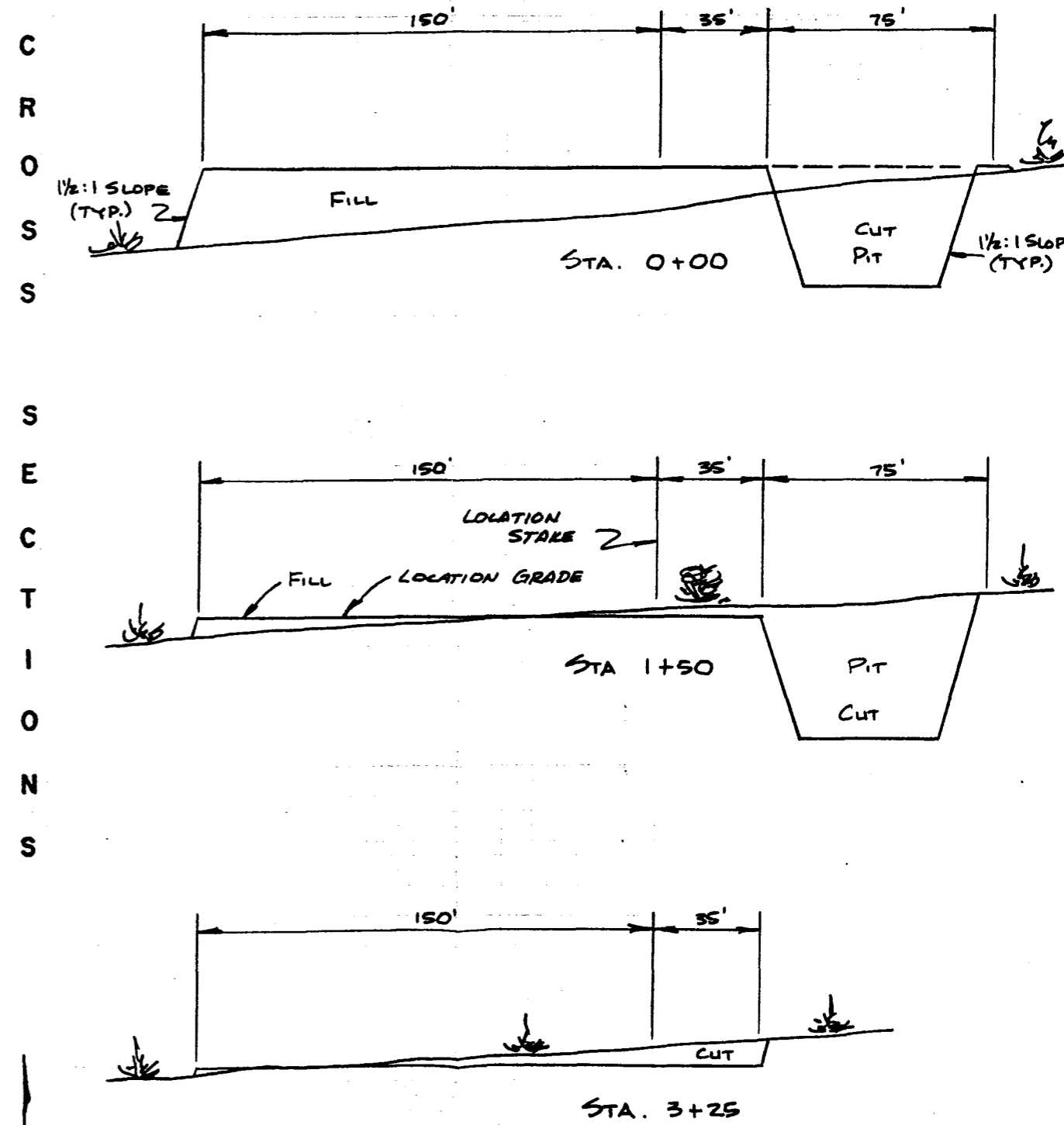
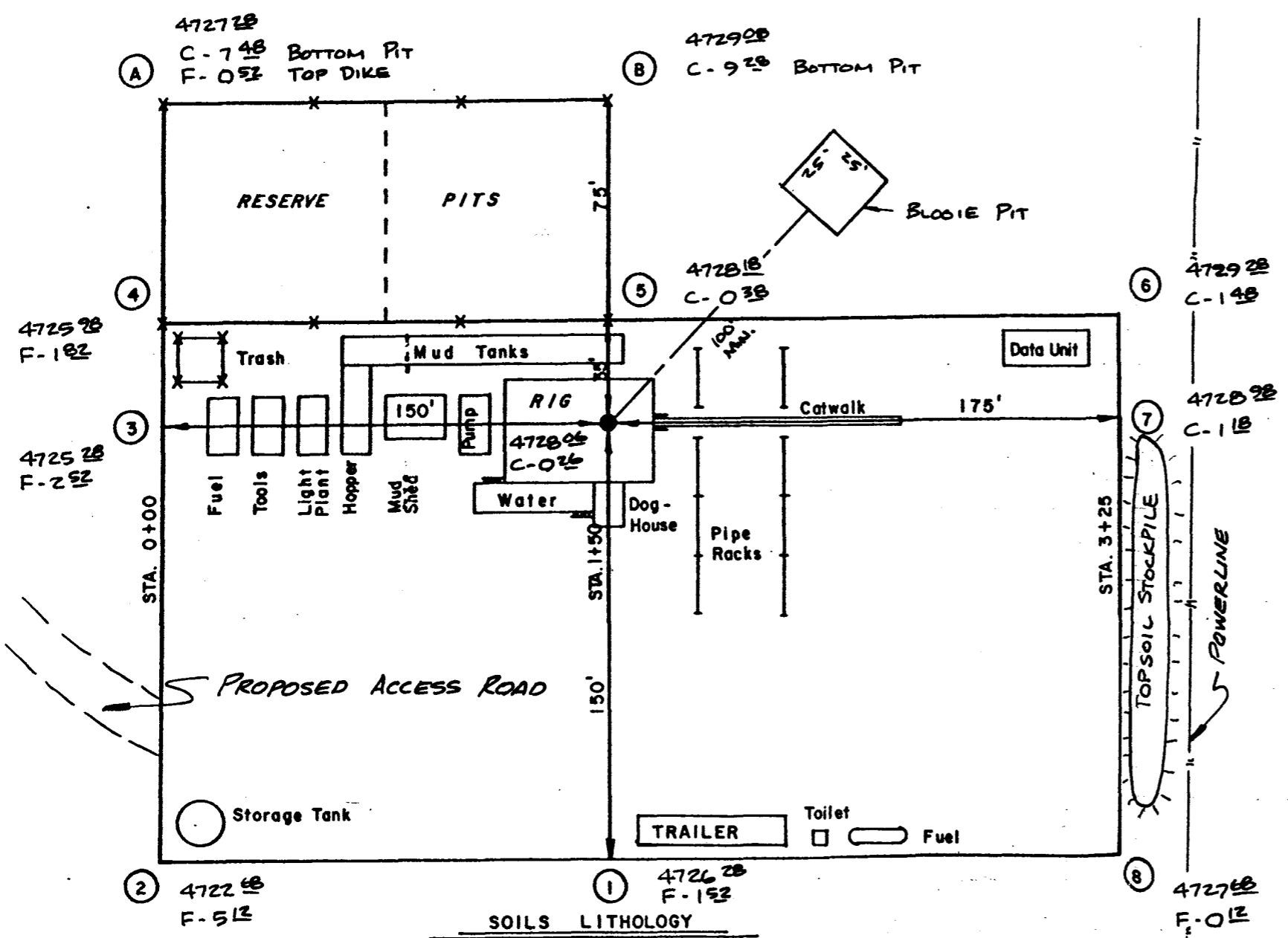
Onsite Date: October 15, 1986

Participants on Joint Inspection

Tim O'Brien

Brad Weber

SCALE 1" = 50'
DATE 10-6-86

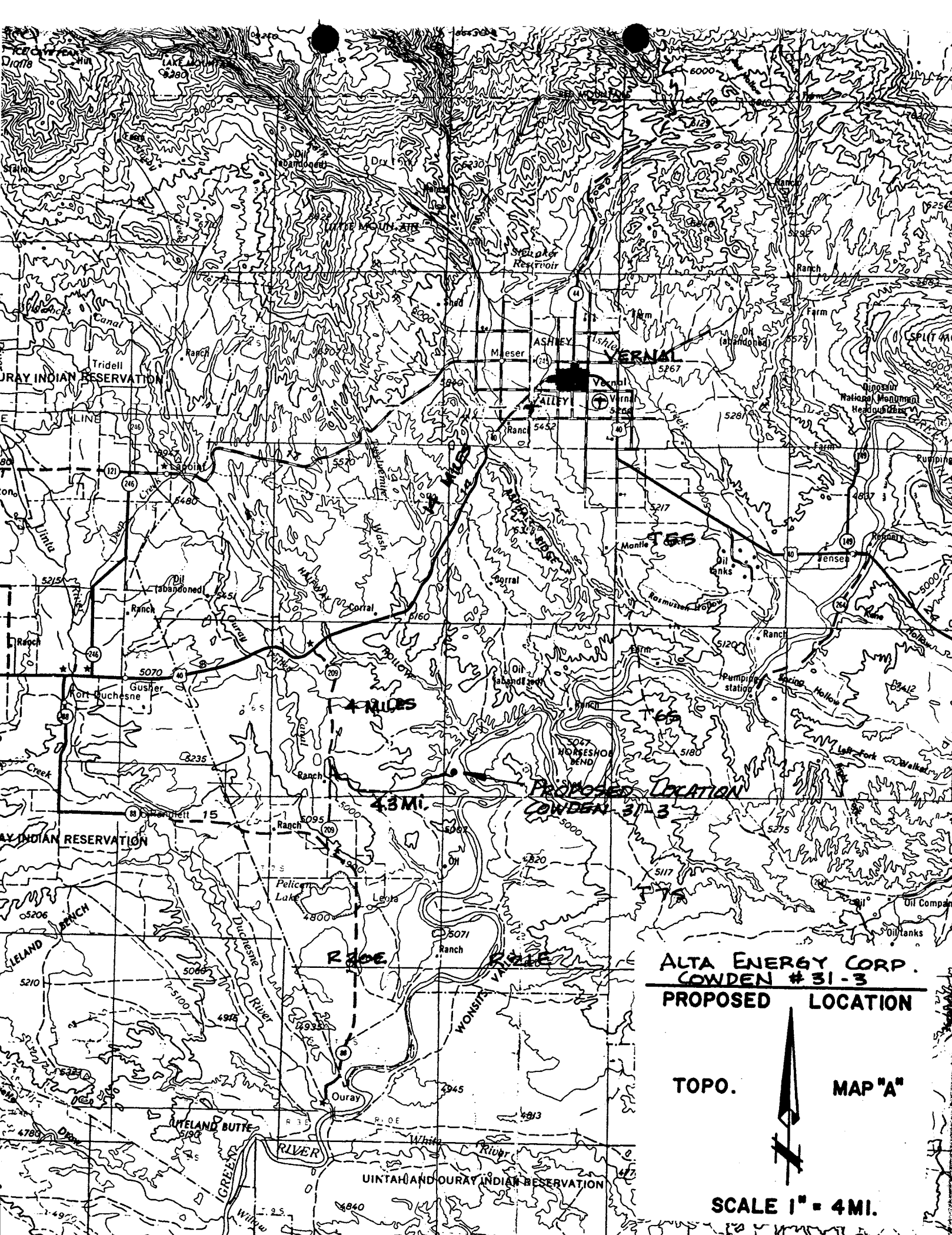


Scales
1" = 50'

APPROXIMATE YARDAGES

Cu. Yds. Cut = 3,295

Cu. Yds. Fill = 2,796



ALTA ENERGY CORP.
COWDEN #31-3
PROPOSED LOCATION

TOPO.

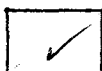
MAP "A"

SCALE 1" = 4 MI.

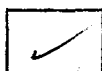
111403

OPERATOR Alta Energy Corp. DATE 11-7-86WELL NAME Cowden 31-3SEC NE NW 31 T 6S R 21E COUNTY Monte43-047-31768
API NUMBERFederal
TYPE OF LEASE

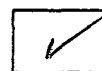
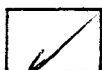
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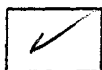
PLAT



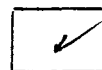
BOND

NEAREST
WELL

LEASE



FIELD

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other wells within 920'Need water permit

APPROVAL LETTER:

SPACING: ☐ 203 _____ UNIT☒ 302_____
CAUSE NO. & DATE

302.1

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 13, 1986

Alta Energy Corporation
P. O. Box 767
Vernal, Utah 84078

Gentlemen:

Re: Cowden 31-3 - NE NW Sec. 31, T. 6S, R. 21E
760' FNL, 1980' FWL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule 302, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

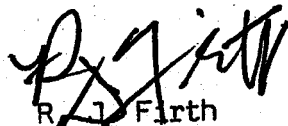
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2
Alta Energy Corporation
Cowden 31-3
November 13, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31768.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

011301

RECEIVED
DEC 24 1986

Uintah Basin Association of Governments

1150 East 50 South (124-8) (801) 722-4518

ROOSEVELT, UTAH 84066

DIVISION OF OIL, GAS & MINING AREAWIDE CLEARINGHOUSE A-95 REVIEW

NOI ___ Preapp ___ App ___ State Plan ___ State Action X

Other (indicate) _____

Applicant (Address, Phone Number):

Division of Oil, Gas, and Mining
3 Triad Center
Suite 350
Salt Lake City, UT 84180-1203

Subdivision (ASP # _____)

SAI Number KT 841113-040

Federal Funds Requested: NA
Uintah

Title: Drill wildcat well on Federal Lease No. U-31736 in Uintah County

- ☒ No Comment
☐ See Comments below
☐ No action taken because of insufficient information
☐ Please send your formal application to us for review. Your attendance is requested ☐

The applicant should forward any written review comments to the funding agency. Any written response to those comments should be forwarded to the State Clearinghouse and also to the funding agency.

Comments:

Copydex 313 per Aileen per BLM

Copy mailed to Carolyn Wright, Grants Coordinator, 116 State Capitol, SLC, UT 84114

Alan Johnson

Authorizing Official

12-23-1986

Date



ALTA ENERGY CORPORATION

500 North Loraine, Suite 900

Midland, Texas 79701

915/683-5449

LORA S. JONES

January 28, 1987

FEB 02 1987

Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Re: Sundry Notices

Gentlemen:

Enclosed please find Sundry Notices, filed in triplicate, for the following wells in Uintah County, Utah:

U-31736, Cowden 31-3

U-58723, Wonsits 5-1-J

Please return one approved copy to this office for our files. Thank you very much.

Sincerely,

Lora S. Jones

/lj
enc.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

MIT IN TRIPLICATE*
Other instructions on
reverse side)

020603

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-31736

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Cowden

9. WELL NO.

31-3

10. FIELD AND POOL, OR WILDCAT

Green River

11. SEC., T., R., M., OR BLE. AND
SUBVY OR AREA

Sec. 31 6S-21E SLM

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Alta Energy Corporation

3. ADDRESS OF OPERATOR

500 N. Loraine, Suite 900 Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1980' FWL & 760' FNL

14. PERMIT NO.

43-047-31768

15. ELEVATIONS (Show whether DP, RT, OR, etc.)

4676'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐
☐

FRACTURE TREATMENT

REPAIRING WELL

☐
☐
☐
☐
☐

SHOOTING OR ACIDIZING

ALTERING CASING

(Other) Operator Change

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator change from Alta Energy Corporation to Columbia Gas Development Corp.
P. O. Box 1350
Houston, Texas 77251-1350

RECEIVED
FEB 02 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

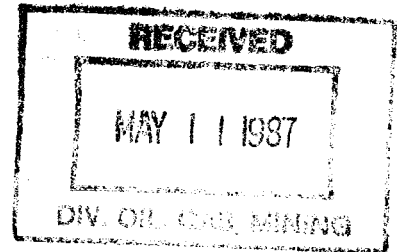
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



March 8, 1987

**STATE OF UTAH
NATURAL RESOURCES**

Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. R. J. Pirth
Associate Director, Oil & Gas

Reference: Cowden #31-3
Section 31, T6S, R21E, S.L.B. & M.
Uintah County, Utah
Lease No. U-31736
Permit No. 43-047-31768
Operator Change

Dear Mr. Pirth:

Enclosed please find three copies of Columbia Gas Development Corporation's Subsequent Change of Operator Sundry, as Operator for the Cowden #31-3 well. This change of operator was effective March 1, 1987.

Columbia Gas will drill and operate the subject well under their State of Utah bonds and do agree to adhere to all rules and stipulations under which the permit was issued. Should you have any questions concerning Columbia's application, please contact me at 713/787-3400.

Yours truly,

A handwritten signature in cursive script that reads "Lynn Roque".

Lynn Roque
Regulatory Technician

lr
Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-31736
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, Texas 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FWL & 760' FNL of Section 31, T6S, R21E, S.L.B. & M.		8. FARM OR LEASE NAME Cowden
14. PERMIT NO. 43-047-31768		9. WELL NO. #31-3
15. ELEVATIONS (Show whether SF, RT, GR, etc.) GR 4676'		10. FIELD AND POOL, OR WILDCAT Horseshoe Bend
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T6S, R21E, S.L.M.
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Operator Change</u>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

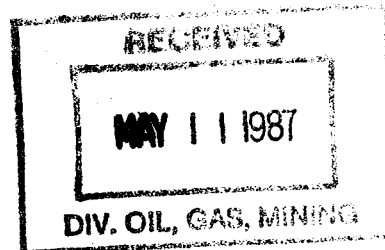
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

COLUMBIA GAS DEVELOPMENT CORPORATION, as Operator of the Cowden #31-3 well, accepts the Permit to Drill granted in accordance with Rule 302, Oil and Gas Conservation General Rules, and will adhere to the regulations and stipulations under which the permit was granted.

Previous Operator: Alta Energy Corporation, P. O. Box 767, Vernal, Utah 84078.

Operator Change Effective: March 1, 1987

Columbia Gas Development Corporation will drill and operate the Cowden #31-3 well under their Federal Nationwide and State Bonds.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Director of Drilling

DATE 5/7/87

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE 5-12-87

BY John R. Bay

*See Instructions on Reverse Side

060807

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-047-31768

NAME OF COMPANY: COLUMBIA GAS (Formerly Alta Energy)

WELL NAME: COWDEN 31-3

SECTION NE NW 31 TOWNSHIP 6S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR Grace

RIG # 181

SPODDED: DATE 6-6-87

TIME 10:00 PM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY Lynn Roque

TELEPHONE # (713) 787-3400

DATE 6-8-87 SIGNED AS

FILING FOR WATER IN THE STATE OF UTAH

APPLICATION TO APPROPRIATE WATER

Rec. by DLT
Fee Paid \$ 15.00
Platted # 22478
Microfilmed
Roll # 43-047-317b

For the purpose of acquiring the right to use a portion of the ~~unappropriated~~ appropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

JUN 11 1987

WATER RIGHTS
SALT LAKE

071310

WATER USER CLAIM NO. 45 - 5268

APPLICATION NO. T62561

1. PRIORITY OF RIGHT: June 3, 1987

FILING DATE: June 3, 1987

2. OWNER INFORMATION

Name: Columbia Gas and Development Inc.

Address: c/o Target Trucking, 2960 North 500 East, Vernal, UT 84078

The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 4.0 acre feet (Ac. Ft.)

4. SOURCE: Green River DRAINAGE: Ashley Valley

POINT(S) OF DIVERSION:

COUNTY: Uintah

(1) S. 850 feet, W. 1825 feet, from the NE Corner of Section 31,
Township 6 S, Range 21 E, SLB&M

Description of Diverting Works: Pump from river into tanktruck

COMMON DESCRIPTION:

5. NATURE AND PERIOD OF USE

Oil Exploration From June 3 to June 2.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Drilling of Cowden #31-3-C oil well in Section 31, T6S, R21E, SLB&M.

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN RANGE SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
6 S 21 E 31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

All locations in Salt Lake Base and Meridian

EXPLANATORY

Land under lease for oil well drilling.

RECEIVED
JUN 25 1987

DIVISION OF
OIL, GAS & MINING

Appropriate

The applicant hereby acknowledges he/they are a citizen(s) of the
United States or intends to become such a citizen.

The quantity of water sought to be appropriated is limited to that which
can be beneficially used for the purpose herein described.

The undersigned hereby acknowledges that even though he/they may have been assisted in
the preparation of the above-numbered application through the courtesy of the employees
of the Division of Water Rights, all responsibility for the accuracy of the information
contained therein, at the time of filing, rests with the applicant(s).


Signature of Applicant

STATE ENGINEER'S ENDORSEMENT


WATER RIGHT NUMBER: 45 - 5268

APPLICATION NO. T62561

1. June 3, 1987 Application received by TNB.
 2. June 4, 1987 Application designated for APPROVAL by RWL and SG.
 3. Comments:
-

Conditions:

This application is hereby APPROVED, dated June 24, 1987, subject to prior rights and this application will expire on June 24, 1988.


Robert L. Morgan, P.E.
State Engineer

Lease No. _____

Communitization Agreement No. NAField Name Horseshoe BendUnit Name NAParticipating Area NACounty Uintah State UtahOperator Columbia Gas Development Corp.

Page 2 of 2

☐ Amended ReportUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTForm 3160-7
(November 1983)
(Formerly 9-329-1)MONTHLY REPORT
OF
OPERATIONS
(Continued)The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 19 87

(See Reverse of Form 3160-6 for Instructions)

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
31-3	31 NENW	6S	21E	DRG	-	Trace	-	Swabbed: 44 Bbls	Spud Date: 6-6-87
REMARKS - Continued									
and tested csg 2000#-ok. Displaced hole w/3% KCl water. Ran CBL/GR/CCL. RIH w/3 1/8" spiral jet csg gun, correlated to CBL: perf'd 7150-7136, 7068-7060, 7042-7026 (all perfs 4 SPF). RIH w/Hallib. pip tool on 2 7/8" EUE 6.5# L-80 tbg to 7151'. RU Howco, tested lines to 5700#-ok. Reset prk @ 7151', broke down formation @ 2' intervals (max 4000 psi @ 3.5 BPM). Swabbed well to 6000', RD swab equip; unseat prk & POH. Tested lines. Frac'd 7026-7150' with 640 sx 16-13 sand total (189 sx in zone) + 1,142 gal gel @ 51 BPMR; screened out @ 4600 psi, ISIP less than 400 psi.									

U-31736

Lease No.

Communitization Agreement No. NA

Field Name Horseshoe Bend

Unit Name NA

Participating Area NA

County Uintah State Utah

Operator Columbia Gas Development Corp.

☐ Amended Report

Dulg.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 3160-6
(November 1983)
(Formerly 9-329)

MONTHLY REPORT
OF
OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 19 87

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396d), regulation (43 CFR 3162.4-3), and the terms of the lease. Failure to report can result in the assessment of liquidated damages, (43 CFR 3160), penalties, shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (43 CFR 3160).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
31-3	31 NENW	6S	21E	DRG	-	Trace	-	Swabbed: 44 Bls	Spud Date: 6-6-87
REMARKS - Continued									
TD: 7306' PBTD: 7256' KB: 15.04'									
Set 8 5/8" 32# K-55 surface csg @ 377' w/280 sx Std. Displaced; returns to surface. WOC. Tested annular/rams-ok. Tested csg to 1000 psi-ok. Drilled & surveyed to 3606'; cond hole for DST #1. Set pkr; DST #1 from 3450-3605' (Uintah Sand). Drilled to 4172'; tested BOP's-ok. Drilled & surveyed to 7306'. Cond hole for logging. Ran Welex DIL/DEN/GR.									
Set 5 1/2" LT&C prod. csg @ 7291'; stage cmt as follows: First Stage--330 sx Premium; displaced. Second Stage: DV Tool @ 4110'--505 sx Premium; displaced, bumped plug and closed DV. ND BOP's, set slips and rel rotary drilling rig on 6-21-87.									
MI Pool Well Service Completion Rig 160 on 6-25-87. Set anchors. Cut off 5 1/2", NU head & test-ok. MU BHA, tested csg & pipe rams to 2000#-ok. Drilled out cmt to DV @ 4110'. Tagged cmt @ 7262' DP Depth; circ hole clean									
Cont on Pg 2									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	44
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits (Reserve Pit)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	44
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	-	-	XXXXXXXXXXXXXXXXXXXX
Authorized Signature: <u>Lynn Rogue</u>	Address: P. O. Box 1350, Houston, TX 77251		
Title: <u>Regulatory Technician</u>	Page <u>1</u> of <u>2</u>		



June 30, 1987

RECEIVED
JUL 06 1987

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
NATURAL RESOURCES

Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. R. J. Firth
Associate Director, Oil & Gas

Reference: Cowden #31-3
Sec. 31, T6S, R21E
Uintah County, Utah
Lease #U-31736
API #43-047-31768
✓ Monthly Report of Operations/June 1987

Dear Mr. Hansen:

Enclosed please find Columbia's Monthly Report of Operations for the Cowden #31-3 well in Uintah County, Utah. The subject well was spudded on 6-6-87, drilled to total depth, production casing was set and Columbia is currently attempting a completion in the Green River formation.

Should you require additional information, or documentation, please contact me at 713/787-3400.

Yours truly,

A handwritten signature in cursive script that reads "Lynn Roque".

Lynn Roque
Regulatory Technician

lr
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 3160-6
(November 1983)
(Formerly 9-329)

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-31736Communitization Agreement No. NA081110Field Name Horseshoe BendUnit Name NAParticipating Area NACounty Uintah State UtahOperator Columbia Gas Development Corp. *Dalg*☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 19 87

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396d), regulation (43 CFR 3162.4-3), and the terms of the lease. Failure to report can result in the assessment of liquidated damages, (43 CFR 3160), penalties, shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (43 CFR 3160).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
31-3	31 NENW	6S	21E	OSI		18			WO Pumping Equipment. ✓
REMARKS:									
TD: 7306' PBD: 7256' KB: 15.04'									
Circ out frac sd 4781-7262'. Run frac log. Set pkr @ 6942', test to 1000#. Swabbed 134 BW & 14 BO. Continue swabbing. Rec'd 46 BW & 4 BO. POOH w/pkr. Set BP @ 7052', perf 7028-7034' 4 JPF 3-1/8" gun. Run pump-in test w/10,000 gals 3% KCl. Pump @ 60 BPM & 3950 psi. Frac w/26,140 gals & 40,840# 16-30 sd. Screened out w/2280# sd into perfs. CO to TOBP. Pull BP; run frac log. Start swabbing, rec'd 162 BF/trace oil. Set BP @ 7024'. Perf 6988-7002' & 6968-6984' w/4 JPF 3-1/8" csg gun. RIH w/PPI pkr & BD perfs @ 2' intervals. Run CSNG base log. Run DATA FRAC w/500 bbl gelled 3% KCl. Ran CSNG log. Frac'd w/74,006 gals 40# gel w/77,000# 20-40 and 81,036# 12-20 sd. Screened out. C/O to BP. Run csg log; pulled BP; ran CSNG. Set pkr @ 6871'. Started swabbing; rec'd 1122 BF w/trace oil. POOH. Set BP @ 6966'. Perf. 6932-6944' & 6880-6886' w/4 JPF 3-1/8" csg gun. BD perfs in 2' intervals w/PPI pkr. POOH. Frac'd w/80,564 gals 40# gel w/87,000# 20-40 sd & 95,384# 12-20 sd. Flowed back 369 BW. Pull BP; run csg log. POOH & LD 2-7/8" tbg. RIH w/ 2-3/8" prod. tbg. Hang off open-ended. ND BOPs & NU tree. RD & release equip. SD. WO pumping equipment. Fenced pit on 4th side.									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	18		
*Sold	0		XXXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXXX

Authorized Signature: *Lynn Rogue* Address: P.O. Box 1350, Houston, TX 77251Title: Regulatory Technician Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

2. NAME OF OPERATOR
Columbia Gas Development Corp.

3. ADDRESS OF OPERATOR
P. O. Box 1350, Houston, Texas 77251-1350

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 760' FNL & 1980' FWL, Sec. 31-T6S-R21E, S.L.B.&M. NENW

At top prod. interval reported below
same

At total depth
same

14. PERMIT NO. 43-047-31768
DATE ISSUED 2-13-87

5. LEASE DESIGNATION AND SERIAL NO.
U-31736

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA 090906

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Cowden

9. WELL NO.
#31-3

10. FIELD AND POOL, OR WILDCAT
Horseshoe Bend

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 31, T6S, R21E, SIM

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

15. DATE SPUDDED 6-6-87
16. DATE T.D. REACHED 6-19-87
17. DATE COMPL. (Ready to prod.) 7-20-87
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4728' GR, 4743' KB
19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 7306' MD/TV
21. PLUG BACK T.D., MD & TVD 7259' MD/TV
22. IF MULTIPLE COMPL., HOW MANY* -
23. INTERVALS DRILLED BY -> 0-7306'
ROTARY TOOLS
CABLE TOOLS NA

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7150-7136', 7068-7060', 7042-7026'; 7034-7028'; 7002-6988', 6984-6968';
6944-6932', 6886-6880' (all Green River formation perfs)
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIGL, Micro-Log, DSN-SDL, CBL 9-8-87
27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	32#/ft	377'	12-1/4"	280 sx Std	NA
5-1/2"	15.5#/ft	7291'	7-7/8"	1st Stg: 330 sx Premium	NA
				2nd Stg: DV @ 4110'	
				550 sx Hi-Fill + 50 sx Premium	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6845' MD	TA @ 6784' MD
						(Mud Anchor)	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7150-7136', 7068-7060', 7042-7026' 4 JPF (38')		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7034-7028', 4 JPF (6') (3-1/8" gun) re-perf		7026-7150' MD	48450gal 30#gel w/177000#16-30 sd
7002-6988', 6984-6968' 4 JPF (30') 3-1/8"		7028-7034' MD	21140gal 30#gel w/40840# 16-30 sd
6944-6932', 6886-6880' (total 24.41" holes)		6988-7002' MD	74006gal 40#gel w/77000# 20-40 sd
			+ 81036# 12-20 sd

33. PRODUCTION CONT. ON BACK--
DATE FIRST PRODUCTION 8-27-87
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 2"x1-1/4"x16'x19'x19'6" Rod Pump
WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/26/87	24	Open		73	49	70	671
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
40	40		73	49	70	45.9° API	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Gas - vented Oil - Union Texas Pacific
TEST WITNESSED BY Jay Haslim

35. LIST OF ATTACHMENTS
DST #1, DIGL, Micro-Log, DSN-SDL, CBL

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Lynn Rogers TITLE Regulatory Technician DATE 8/27/87

*(See Instructions and Spaces for Additional Data on Reverse Side)

GEOLOGIC MARKERS

SEP 8 1987



September 2, 1987

RECEIVED
SEP 8 1987
DIVISION OF OIL
GAS & MINING

STATE OF UTAH

Division of Natural Resources
Department of Oil, Gas & Mining
355 W. North Temple, 3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. R. J. Firth
Associate Director, Oil & Gas

Reference: **COWDEN #31-3**
Section 31, T6S, R21E
Uintah County, Utah
API #43-047-31768

Dear Mr. ~~Hansen~~:

Enclosed please find the original and one copy of Columbia's Completion Reports and Sundry Notice for 1st Date of Production on the above referenced well.

Also enclosed are the basic electric logs run on the Cowden #31-1. Should you require additional information, please contact me at 713/787-3482.

Yours truly,

A handwritten signature in cursive script that reads "Lynn Roque".

Lynn Roque
Regulatory Technician

lr
Encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-31736
2. NAME OF OPERATOR Columbia Gas Development Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, Texas 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 760' FNL & 1980' FWL, Sec.31,T6S,R21E,S.L.B.& M. NENW		8. FARM OR LEASE NAME Cowden
14. PERMIT NO. 43-047-31768		9. WELL NO. #31-3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4728'GR, 4743'KB		10. FIELD AND POOL, OR WILDCAT Horseshoe Bend
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31,T6S,R21E,SLM
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Date of 1st Production

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date of 1st Production: 8-27-87

(Ticket required from temporary storage facilities)

RECEIVED
SEP 8 1987
DIVISION OF OIL
AND GAS

18. I hereby certify that the foregoing is true and correct

SIGNED

Symon Rogue

TITLE

Regulatory Technician

DATE

9/2/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

COMPANY: COLUMBIA GAS UT ACCOUNT # 15035 SUSPENSE DATE: _____

WELL NAME: COWDEN 31-3

API #: 43047 31768

SEC, TWP, RNG: 31 6S 21E

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: NORM SMITH

CONTACT TELEPHONE NO.: 713-787-3484

SUBJECT: REQUEST DST TEST

(Use attachments if necessary)

RESULTS: CALL BACK AFTER LUNCH
WILL CALL BACK 11:30 11-17

WILL SEND DST

(Use attachments if necessary)

CONTACTED BY: VC

DATE: 11-19-87

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Alta Energy Corporation

3. ADDRESS OF OPERATOR

P.O. Box 767, Vernal, Utah 84078 (801) 789-7701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FWL 760 FNL Section 31, T6S, R21E, S.L.B. & M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

22.3 miles South of Vernal, Utah by road

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

760'

16. NO. OF ACRES IN LEASE

400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2797.48'

19. PROPOSED DEPTH

7375

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4676'

22. APPROX. DATE WORK WILL START*

A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	32# K-40	350'	Circulate to surface
7 7/8"	5 1/2"	15.5# J-55	7375'	Cement to above oil shale base approximately 2500'

See Attachments

10 Point

B.O.P.

Location Plat

13 Point Surface Use Plan

Cut Sheet

Topo Map "A"

Topo Map "B"

NOV 03 1986

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

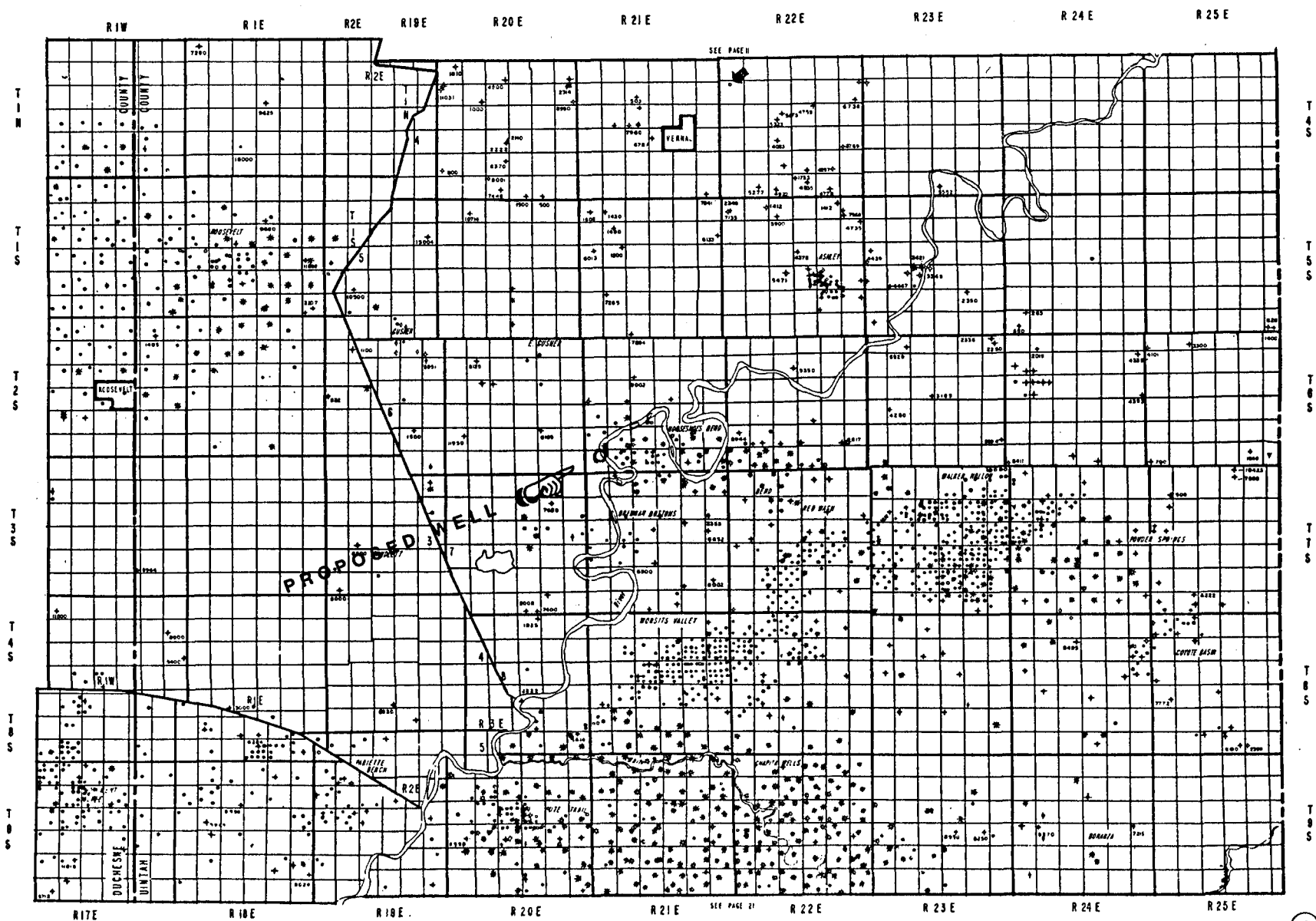
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



Mail to: A-95 Coordinator, State Clearinghouse, 124 State Capitol, SLC, Utah 84114, 533-4971

1. Applicant

DIVISION OF OIL, GAS AND MINING
3 TRIAD CENTER
SUITE 350
SALT LAKE CITY, UTAH 84180-1203

2. State Application Identifier Number

3. Approximate date project will start

A.S.A.P.

4. Areawide clearinghouse(s) receiving copy of STATE ACTION: (to be sent out by applicant)

UINTAH BASIN ASSOCIATION OF GOVERNMENTS

5. Type of action: ☒ Lease ☒ Permit ☐ License ☐ Land Acquisition
☐ Land Sale ☐ Land Exchange ☐ Other: _____

6. Title of proposed action: APPLICATION FOR PERMIT TO DRILL

7. Description:

Alta Energy Corporation intends to drill a wildcat well on federal lease number U-31736 in Uintah County, Utah. The Division of Oil, Gas and Mining has reviewed the application and is prepared to issue state approval to drill. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S. Bureau of Land Management is the primary review agency in this case and must also issue approval to drill before operations can commence.

8. Land affected (Site location map required) (Indicate county)

NE/4, NW/4, Sec.31, T.6S, R.21E, Uintah County, Utah

43-047-31768

9. Has the city/county been contacted regarding necessary zoning & building permits? UNKNOWN

10. Possible significant impacts likely to occur:

No significant impacts are likely to occur.

11. Name and phone number of district representative from your agency near project site, if applicable. Ms. Carol Kubly 1-789-1388

12. For further information, contact:

Phone: John Baza, 538-5340

13. Signature and title of authorized official

Robert R. Baza, Petroleum Engineer

Date: 11-16-83



116 State Capitol Building
Salt Lake City, UT 84114
Telephone 801-533-5245

Prod.

office of planning and budget

Norman H. Bangerter, Governor Dale C. Hatch, C.P.A., J.D., Director Michael E. Christensen, Ph.D., Deputy Director

RECEIVED
NOV 26 1986

DIVISION OF
OIL, GAS & MINING

November 25, 1986

Mr. John Baza
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

SUBJECT: Drill Permit - Wildcat Well on Federal Lease No. U-31736, Uintah
County - Alta Energy Corporation
State Application Identifier #UT861113-040

Dear John:

The Resource Development Coordinating Committee of the State of Utah has reviewed this proposed action and no comments are indicated.

Thank you for the opportunity of reviewing this document. Please address any other questions regarding this correspondence to Carolyn Wright (801) 533-4971.

Sincerely,

Michael E. Christensen

Michael E. Christensen
Deputy Director

MEC/jw



120130
pow

November 19, 1987

State of Utah
Division of Natural Resources
Department of Oil, Gas, & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Vicki Carney

Reference: Cowden #31-3
Section 31, T6S, R21E
Uintah County, Utah
API #43-047-31768

Dear Ms. Carney:

Enclosed please find one copy of Columbia Gas Development's Formation Testing Service Report (DST #1) for the above referenced well.

As you requested in our telephone conversation of 11-17-87, this report is being submitted as an attachment to the Completion Report dated 8-27-87.

Your assistance in this matter is greatly appreciated. Please contact me at (713) 787-3484 if there are any questions or problems.

Sincerely,

A handwritten signature in cursive script that reads "Victoria Guidry".

Victoria Guidry
Production Clerk

vjg

Enc.

RECEIVED
NOV 23 1987

OIL, GAS & MINING



HALLIBURTON SERVICES

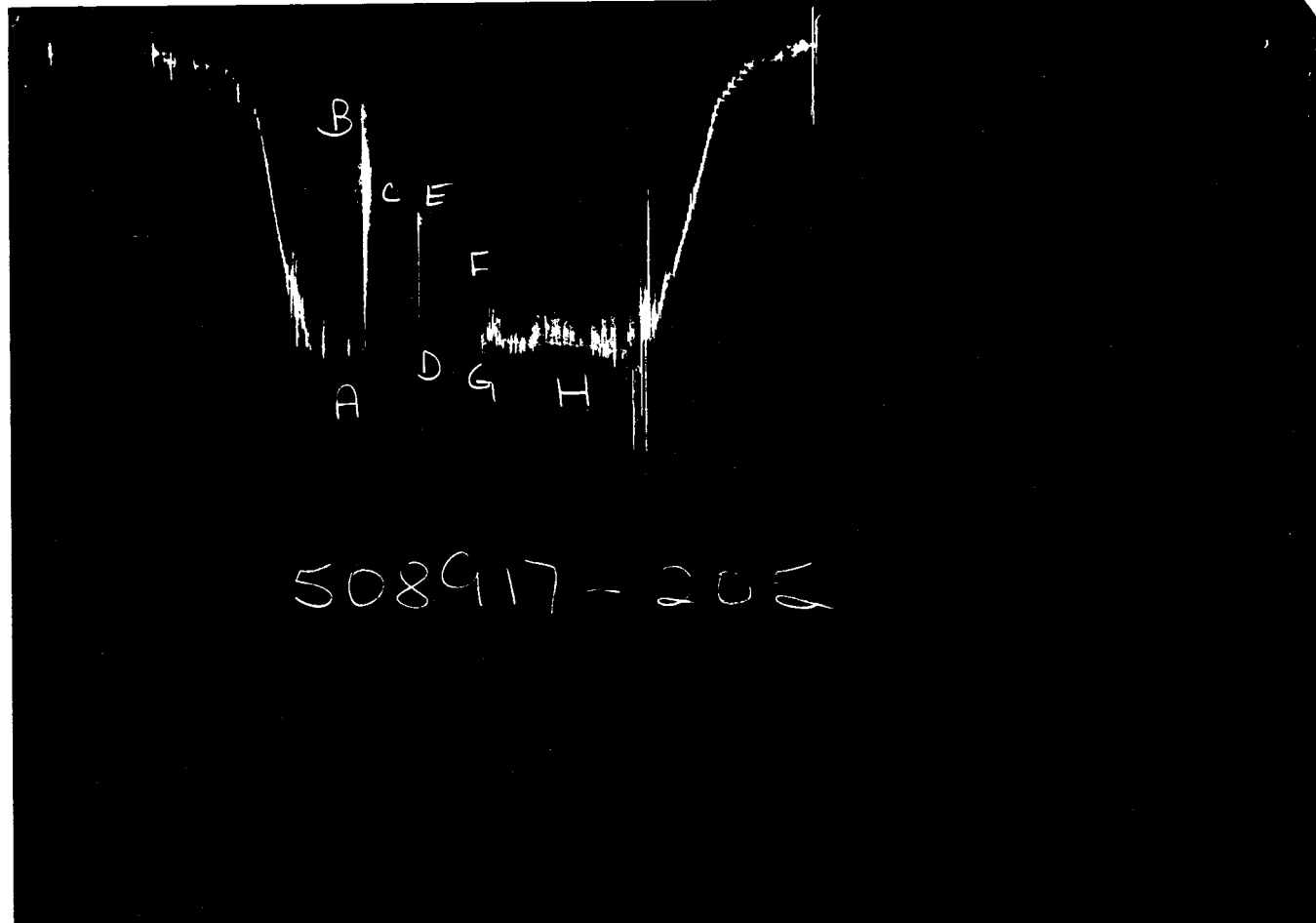
TICKET NO. 50891700

15-JUN-87

VERNAL

FORMATION TESTING SERVICE REPORT

CONDEN		31-3-C		1		3450.0 - 3606.0		COLUMBIA GAS DEVELOPMENT CORPORATION	
LEASE NAME		WELL NO.		TEST NO.		TESTED INTERVAL		LEASE OWNER/COMPANY NAME	
LEGAL LOCATION		SEC. 31 - 6 S. - 21 E.		FIELD AREA		SOUTH VERNAL		COUNTY UTAH STATE UTAH PM	
SEC. 31 - 6 S. - 21 E.		FIELD AREA		SOUTH VERNAL		COUNTY UTAH		STATE UTAH PM	



GAUGE NO: 205 DEPTH: 3603.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1646	1637.4			
B	INITIAL FIRST FLOW	274	534.6			
C	FINAL FIRST FLOW	835	830.1	21.0	21.1	F
C	INITIAL FIRST CLOSED-IN	835	830.1			
D	FINAL FIRST CLOSED-IN	1646	1638.2	45.0	44.3	C
E	INITIAL SECOND FLOW	848	886.3			
F	FINAL SECOND FLOW	1260	1285.9	45.0	45.5	F
F	INITIAL SECOND CLOSED-IN	1260	1285.9			
G	FINAL SECOND CLOSED-IN	1528	1614.3	30.0	30.1	C
H	FINAL HYDROSTATIC	1618	1629.1			

EQUIPMENT & HOLE DATA

FORMATION TESTED: UINTAH SAND
 NET PAY (ft): _____
 GROSS TESTED FOOTAGE: 156.0
 ALL DEPTHS MEASURED FROM: KB
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.625
 ELEVATION (ft): 4676.0
 TOTAL DEPTH (ft): 3606.0
 PACKER DEPTH(S) (ft): 3444, 3450
 FINAL SURFACE CHOKE (in): _____
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.20 KCL
 MUD VISCOSITY (sec): _____
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 100 @ 3603.0 ft

TICKET NUMBER: 50891700

DATE: 6-10-87 TEST NO: 1

TYPE DST: OPEN HOLE

HALLIBURTON CAMP: VERNAL

TESTER: D. CARTER
J.B. TENNEY

WITNESS: ROY MC WHORTER

DRILLING CONTRACTOR: GRACE DRILLING #181

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>PIT</u>	<u>1.700 @ 75 °F</u>	<u>3500 ppm</u>
<u>TOP OF FLUID</u>	<u>0.280 @ 75 °F</u>	<u>21000 ppm</u>
<u>MIDDLE OF FLUID</u>	<u>0.260 @ 75 °F</u>	<u>23000 ppm</u>
<u>TOP OF TOOLS</u>	<u>0.260 @ 77 °F</u>	<u>22000 ppm</u>
<u>SAMPLER</u>	<u>0.250 @ 81 °F</u>	<u>23000 ppm</u>
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Psig AT SURFACE: 300.0
 cu.ft. OF GAS: 2.050
 cc OF OIL: _____
 cc OF WATER: 1900.0
 cc OF MUD: _____
 TOTAL LIQUID cc: 1900.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED :

2848 FEET OF GAS CUT WATER

MEASURED FROM
TESTER VALVE

REMARKS :

ANNULUS FLOWED APPROXIMATELY 1/4 BPM DURING TEST.....

TYPE & SIZE MEASURING DEVICE :					TICKET NO: 50891700
TIME	CHDKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
6-10-87					
0030					ON LOCATION
0315					PICKED-UP TOOLS
0331					STARTED BOTTOM CLOCK
0401					STARTED UPPER CLOCK
0614					TIGHT HOLE 837' - 9 STANDS OFF
					BOTTOM.
0700					RIGGED UP MANIFOLD AND HEAD
0705					TAGGED BOTTOM APPROXIMATELY
					25' HIGH.
0730					SET WEIGHT ON TOOLS
0739					OPENED TOOL - INSTANT BLOW
					SLID 25' TO BOTTOM
0745	1/8"	4			ON BOTTOM
0749	"	5			
0753	"	6.5			
0757	"	8			
0800	"	8.5			CLOSED TOL
0845	"	2 OZ.			REOPENED TOOL
0847	"	10 OZ.			
0850	1/4"	2#			IN LINE CHOKE
0852	1/8"	6.50 OZ.			BUBBLE HOSE
0900	1/2"	3#			IN LINE CHOKE
0906	12/64"	3#			"
0911	"	3#			"
0920	"	2.50#			"
0924	"	2#			"
0926	1/8"	2#			BUBBLE HOSE
0927	"	4 OZ.			"
0930	"	6 OZ.			CLOSED TOOL
1000					STARTED PULLING TOOLS FREE
					PULLED 30,000# OVER - STARTED
					WORKING PIPE.
1320					TOOLS PULLED FREE
					STARTED OUT OF HOLE
1347					HIT FLUID - GAS CUT WATER 2848'
					OF FLUID.

TICKET NO: 50891700
CLOCK NO: 11654 HOUR: 24



GAUGE NO: 192
DEPTH: 3429.1

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	441.0			
2	5.0	453.0	12.0		
3	10.0	560.3	107.3		
4	15.0	650.3	90.0		
5	20.0	738.2	88.0		
C 6	21.1	753.1	14.9		
FIRST CLOSED-IN					
C 1	0.0	753.1			
2	1.0	1296.7	543.6	0.9	1.360
3	2.0	1359.2	606.1	1.8	1.072
4	3.0	1395.8	642.7	2.6	0.904
5	4.0	1421.3	668.1	3.4	0.798
6	5.0	1439.4	686.2	4.1	0.714
7	6.0	1451.6	698.4	4.7	0.656
8	7.0	1464.4	711.3	5.3	0.603
9	8.0	1474.7	721.5	5.8	0.562
10	9.0	1483.5	730.3	6.3	0.524
11	10.0	1490.9	737.8	6.8	0.492
12	12.0	1503.5	750.3	7.7	0.439
13	14.0	1512.3	759.2	8.4	0.399
14	16.0	1520.6	767.4	9.1	0.365
15	18.0	1526.5	773.4	9.7	0.337
16	20.0	1532.0	778.8	10.3	0.313
17	22.0	1536.8	783.7	10.8	0.292
18	24.0	1541.6	788.4	11.2	0.273
19	26.0	1546.2	793.1	11.6	0.258
20	28.0	1549.0	795.9	12.0	0.244
21	30.0	1552.3	799.2	12.4	0.231
22	35.0	1557.9	804.7	13.2	0.205
23	40.0	1563.0	809.9	13.8	0.184
D 24	44.3	1566.0	812.9	14.3	0.169
SECOND FLOW					
E 1	0.0	805.1			
2	5.0	844.4	39.3		
3	10.0	915.0	70.6		
4	15.0	974.2	59.2		
5	20.0	1026.0	51.8		
6	25.0	1070.1	44.1		
7	30.0	1111.1	41.0		
8	35.0	1146.8	35.7		
9	40.0	1178.8	31.9		
F 10	45.5	1211.4	32.6		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	1211.4			
2	1.0	1421.7	210.4	0.9	1.850
3	2.0	1450.0	238.6	2.0	1.529
4	3.0	1464.6	253.3	2.9	1.359
5	4.0	1475.8	264.5	3.8	1.243
6	5.0	1482.3	271.0	4.6	1.159
7	6.0	1489.4	278.0	5.5	1.080
8	7.0	1494.9	283.6	6.3	1.022
9	8.0	1499.4	288.0	7.1	0.969
10	9.0	1504.3	292.9	7.9	0.925
11	10.0	1507.0	295.6	8.7	0.885
12	12.0	1513.1	301.7	10.2	0.815
13	14.0	1518.2	306.9	11.6	0.759
14	16.0	1523.4	312.0	12.9	0.712
15	18.0	1526.9	315.6	14.1	0.673
16	20.0	1530.2	318.8	15.4	0.637
17	22.0	1533.3	321.9	16.5	0.606
18	24.0	1535.5	324.1	17.6	0.577
19	26.0	1538.2	326.8	18.7	0.552
20	28.0	1539.8	328.4	19.7	0.529
G 21	30.1	1541.6	330.2	20.7	0.507

REMARKS:

TICKET NO: 50891700

CLOCK NO: 32046 HOUR: 24



GAUGE NO: 205




















DEPTH: 3603.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	534.6			
2	10.0	638.8	104.2		
3	15.0	728.9	90.1		
4	20.0	817.0	88.1		
C 5	21.1	830.1	13.1		
FIRST CLOSED-IN					
C 1	0.0	830.1			
2	1.0	1384.8	554.7	0.9	1.347
3	2.0	1441.4	611.4	1.8	1.071
4	3.0	1474.0	643.9	2.6	0.907
5	4.0	1499.2	669.1	3.4	0.795
6	5.0	1515.1	685.1	4.1	0.716
7	6.0	1528.2	698.1	4.7	0.655
8	7.0	1539.9	709.8	5.3	0.603
9	8.0	1549.1	719.0	5.8	0.559
10	9.0	1559.7	729.6	6.3	0.523
11	10.0	1565.7	735.7	6.8	0.492
12	12.0	1577.7	747.6	7.6	0.440
13	14.0	1586.6	756.6	8.4	0.398
14	16.0	1594.5	764.4	9.1	0.365
15	18.0	1601.2	771.1	9.7	0.337
16	20.0	1606.6	776.5	10.3	0.313
17	22.0	1610.8	780.8	10.8	0.291
18	24.0	1614.8	784.7	11.2	0.274
19	26.0	1618.4	788.3	11.6	0.258
20	28.0	1620.9	790.8	12.0	0.244
21	30.0	1624.2	794.1	12.4	0.231
22	35.0	1630.4	800.3	13.2	0.205
23	40.0	1634.9	804.8	13.8	0.184
D 24	44.3	1638.2	808.1	14.3	0.169
SECOND FLOW					
E 1	0.0	886.3			
2	5.0	919.8	33.5		
3	10.0	989.0	69.2		
4	15.0	1049.6	60.6		
5	20.0	1102.7	53.1		
6	25.0	1145.8	43.0		
7	30.0	1183.3	37.5		
8	35.0	1220.6	37.4		
9	40.0	1253.2	32.6		
F 10	45.5	1285.9	32.7		
SECOND CLOSED-IN					
F 1	0.0	1285.9			

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
2	1.0	1506.3	220.4	1.0	1.821
3	2.0	1527.3	241.4	1.9	1.545
4	3.0	1541.2	255.3	2.9	1.365
5	4.0	1550.0	264.1	3.7	1.250
6	5.0	1557.7	271.8	4.6	1.159
7	6.0	1564.7	278.8	5.5	1.084
8	7.0	1569.4	283.5	6.3	1.023
9	8.0	1574.2	288.3	7.1	0.970
10	9.0	1577.5	291.6	7.9	0.924
11	10.0	1580.8	294.9	8.7	0.886
12	12.0	1587.7	301.8	10.2	0.816
13	14.0	1592.8	306.9	11.6	0.761
14	16.0	1596.9	311.0	12.9	0.713
15	18.0	1600.4	314.5	14.2	0.672
16	20.0	1603.2	317.4	15.4	0.637
17	22.0	1605.9	320.0	16.5	0.605
18	24.0	1608.9	323.0	17.6	0.578
19	26.0	1610.7	324.8	18.7	0.552
20	28.0	1612.6	326.7	19.7	0.529
G 21	30.1	1614.3	328.4	20.7	0.507

REMARKS:

UNABLE TO SEGMENT EARLY PORTION OF
FIRST FLOW PERIOD.....

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	2774.9	
4		FLEX WEIGHT.....	4.500	2.764	181.1	
3		DRILL COLLARS.....	6.125	2.250	432.9	
50		IMPACT REVERSING SUB.....	6.000	2.875	1.0	3356.0
3		DRILL COLLARS.....	6.125	2.250	58.0	
5		CROSSOVER.....	6.250	2.875	1.2	
13		DUAL CIP SAMPLER.....	5.000	0.750	6.8	
50		HYDROSPRING TESTER.....	5.000	0.750	5.0	3427.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	3429.1
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.7	
70		OPEN HOLE PACKER.....	7.000	1.530	5.8	3444.2
70		OPEN HOLE PACKER.....	7.000	1.530	5.8	3450.0
20		FLUSH JOINT ANCHOR.....	5.750	3.500	22.0	
5		CROSSOVER.....	5.625	3.250	0.7	
3		DRILL COLLARS.....	6.125	2.250	116.7	
5		CROSSOVER.....	5.625	2.313	1.0	
20		FLUSH JOINT ANCHOR.....	5.750	3.500	10.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.1	3603.0
TOTAL DEPTH					3606.0	

EQUIPMENT DATA

ANALYTICAL SERVICES

RT #2 P.O. BOX 2809
ROOSEVELT, UTAH 84066CERTIFICATE OF ANALYSIS
HYDROCARBONS BY GC

REPORT DATE: 12-2-87

LAB NUMBER: 877029

COMPANY: COLUMBIA GAS

LOCATION: HOUSTON, TEXAS

DATE	TIME	SAMPLE PRES(PSI)	TEMP(DEG F)	SOURCE
11-28-87	3:00 PM	60	-	COWDEN 31 - 3C

NAME	MOLE %	GPM	VOLUME %
N2 + O2	0.280		
METHANE	76.850		
CO2	0.700		
ETHANE	9.912		
PROPANE	7.163	1.970	53.141
ISOBUTANE	1.169	0.382	10.306
NBUTANE	2.045	0.644	17.374
I-PENTANE	0.664	0.242	6.536
NPENTANE	0.613	0.221	5.968
HEXANES +	0.604	0.248	6.675
TOTALS	100	3.70799	100

BTU PER CU.FT. (30 IN. 60 F. DRY) = 1325

BTU PER CU.FT. (30 IN. 60 F. SAT) = 1302

CALCULATED SPECIFIC GRAVITY OF GAS = 0.7680

COMPRESSIBILITY (Z) FACTOR = 0.9960

DATE	RUN #	ANALYSIS CYLINDER #	SAMPLER	ANALYST
12-2-87	10	C	JAY	GWP

OTHER INFO :

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

3

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

4-31736 POW-CRRU

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Cowden

9. WELL NO.

31-3

10. FIELD AND POOL, OR WILDCAT

Horseshoe Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 31: T6S; R21E SLB

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Columbia Gas Development Corporation

3. ADDRESS OF OPERATOR

P.O. Box 1350; Houston, TX 77251-1350

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

760 FNL; 1980' FWL

Sec. 31: T6S; R21E, SLB & M NENW

14. API NUMBER

43-047-31768

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

4728' GR; 4743' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

Vent Well

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT*

☐

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Request permission to vent the Cowden #31-3 well. The well produces 22 MCFD and 56 BOPD and is located on the west side of the Green River. Currently, the only viable pipeline connections are on the east side of the river. It is uneconomic to install a pipeline crossing to sell this gas. Without being able to vent the well, the oil cannot be produced.

It is estimated that the well has the following reserves:

18,000 BO 10,800 MCF

18. I hereby certify that the foregoing is true and correct

SIGNED

William J. Dotter

TITLE Staff Production Engineer

DATE 12-31-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-31736 <u>Pow-GRU</u>
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P.O. Box 1350, Houston, Texas 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 760' FNL & 1980' FWL, Sec. 31, T6S, R21E, SLB & M NE NW		8. FARM OR LEASE NAME Cowden
14. API NUMBER 43-047-31768		9. WELL NO. #31-3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4728' GR 4743' KB		10. FIELD AND POOL, OR WILDCAT Horseshoe Bend
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31-6S-21E, SLM
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Permit for emergency pit <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Maintain a fenced emergency pit under NTL-2B which is 45'x41'x6' and located 114' from the well. The pressure relief valve on top of the heater treater is piped to this pit. This pit will only be used if the flowline between the heater treater and the tanks becomes plugged. If this happens the pressure relief valve will open and the fluids will safely flow to this pit. This pit will not be used for water disposal since there is a water tank. Water is to be disposed of by trucking it out to one of the listed disposal pits. (SEE ATTACHED)

Estimated Evaporation Rate: 34" from March 1 - October 31; 0" from October 31 - March 1.
(Information from the USDA Soil and Conservation Service)

Estimated Percolation Rate: Adjacent to Pit: Sandy loam with 65% sand, 25% silt, and 10% clay which corresponds to a 4" per hour soil permeability.
Bottom of Pit: Sandy loam with 70% sand, 22% silt, and 8% clay which corresponds to a 5" per hour soil permeability.

(The sand, silt, clay analysis performed by Richard Foster of the USDA Soil Conservation Service in Vernal, Utah. The permeability correlation is from the "Soil Permeability Class Related To Texture" published by the U.S. Department of Agriculture, Bureau of Plant Industry, Soils, and Agricultural Engineering.)

Depth and Areal Extent of All Usable Water: The depth of usable water aquifers in the Horseshoe Bend Field is between 2000' and 3000' and extends across the entire field area. This data is from Gilbert Hund of Utah's Division of Oil, Gas, and Mining.

Water Analysis: This well is shut-in due to lack of a gas market. When the well is put back on line, water samples will be analyzed and sent under separate cover.

18. I hereby certify that the foregoing is true and correct.

SIGNED W. J. Sitter TITLE Staff Production Engineer DATE 1-11-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL IF ANY: _____

COWDEN #31-3

cont.--- Water is to be disposed of by trucking it out to one of the following disposal pits:

<u>OPERATOR</u>	<u>LOCATION</u>	<u>AREA</u>	<u>COUNTY</u>
Grant Bleazard	S30; T2S; R4W; USM	Blue Bench	Duchesne
Max Chapoose	S27; T1N; R2W; USM	Neola	Duchesne
Grant Hansen	S7; T3S; R3W; USM	Arcadia	Duchesne
Hansen - Mitchell	S8; T3S; R4W; USM	Arcadia	Duchesne
Dave Murray	S12; T5S; R19E; SLB&M	Lapoint	Uintah
Coastal Oil & Gas	S3; T10S; R21E; SLB&M	White River	Uintah
Dorrrant Freston	S32; T1S; R1W; USM	Roosevelt	Duchesne



January 13, 1988

020800

State of Utah
Natural Resources
Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Arlene Sollis
Oil & Gas Permitting

Reference: Sundry Notice for Emergency Pits
Alta #5-1-B
Sec. 5, T7S, R21E
Uintah County, Utah
Cowden #31-3, et al
Horseshoe Bend Field
Uintah County, Utah

65 21E 31
4/3-047-31768 POW-GRPU

Dear Ms. Sollis:

Enclosed please find the original and two copies of Sundry Notices requesting permission to maintain emergency pits for the Alta #5-1-B, Cowden #31-3, Federal #33-6-F, Federal #33-3-J, and Federal #33-8-N, all in Uintah County, Utah.

Should you have any questions, or require additional information, please contact myself or Bill Ditter, Staff Production Engineer, at 713/787-3400.

Thank you for your assistance.

Very Truly Yours,

A handwritten signature in cursive script that reads "Trisha M. DiClementi".

Trisha M. DiClementi
Regulatory Technician

tmd
Enclosures

cc: N.R. Smith
D.P. Roy



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

020815

February 1, 1988

Columbia Gas Development Corporation
5847 San Felipe
P.O. Box 1350
Houston, Texas 77251-1350

Gentlemen:

Re: Request for Approval of Emergency Pits

This letter responds to your request for approval of emergency pits for the following wells in Uintah County, Utah:

Alta #5-1-B
Sec. 5, T. 7S, R. 21E
Private lease

Cowden #31-3
Sec. 31, T. 6S, R. 21E
Federal lease no. U-31736

43-047-31768
Pow-GRPU

Federal #33-6-F
Sec. 33, T. 6S, R. 21E
Federal lease no. U-2812

Federal #33-3-J
Sec. 33, T. 6S, R. 21E
Federal lease no. U-28212

Federal #33-8-N
Sec. 33, T. 6S, R. 21E
Federal lease no. U-37116

The Division of Oil, Gas and Mining hereby grants approval of the emergency pit for the Alta #5-1-B well according to the description of the proposed pit given in your sundry notice dated January 11, 1988, and the conditions of approval stated in this letter. For the other wells which are located on federal leases, you must first seek approval of such emergency pits from the U.S. Bureau of Land Management. The Division will accept BLM approval and any conditions of approval stipulated by the BLM.

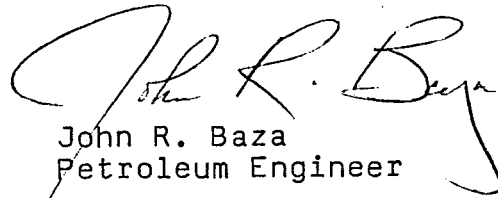
Page 2
Columbia Gas Development Corporation
February 1, 1988

The conditions of approval for the emergency pit for the Alta #5-1-B well are as follows:

1. The pit will only be used to store produced fluid from the well in the case of an emergency or upset condition of the well production facilities.
2. The operator will not allow the amount of produced fluid entering the pit to exceed the capacity of the pit at any time.
3. The pit will not be used for storage of produced water.
4. The pit may be used as a gas flare pit as long as liquid hydrocarbons are not present in the pit in flammable quantities.
5. The operator will line the emergency pit prior to use with at least two pounds per square foot of dry commercial bentonite or other suitable clay material approved by the Division.
6. All fluid in the pit will be removed and properly processed or disposed within 72 hours after commencement of production to the pit.

If you have any questions concerning this matter, please contact me at this office.

Sincerely,



John R. Baza
Petroleum Engineer

cc: BLM-Vernal
D. R. Nielson
R. J. Firth
Well files
0384T-81-82



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 1, 1988

Columbia Gas Development Corporation
5847 San Felipe
P.O. Box 1350
Houston, Texas 77251-1350

Gentlemen:

Re: Request to Flare or Vent Associated Gas from Cowden Well
No. 31-3

In response to your request to flare or vent associated gas from the referenced well located in Section 31, Township 6 South, Range 21 East, Uintah County, Utah, this letter shall inform you that no approval is required for flaring or venting of gas from the well unless gas production exceeds 25 Mcf per day.

According to the Oil and Gas Conservation General Rules, Rule R615-3-22, an operator may flare or vent all associated gas from a well for an indefinite period of time for any well with an average daily gas production of zero to 25 Mcf. As indicated by your sundry notice dated December 31, 1987, this is the case for the referenced well.

If you have any further questions, please contact me at this office.

Sincerely,

A handwritten signature in cursive script, reading "John R. Baza".
John R. Baza
Petroleum Engineer

cc: BLM-Vernal
D. R. Nielson
R. J. Firth
Well file

0384T-80

COLUMBIA GAS

Development



September 20, 1989

RECEIVED
SEP 25 1989

DIVISION OF
OIL, GAS & MINING

VIA FEDERAL EXPRESS

U. S. Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Attention: Mr. Ralph Brown

RE: COWDEN #31-3
LEASE NO. U-31736
NENW SEC. 31, T6S, R21E, SLB&M

Dear Mr. Brown:

Pursuant to your request last week, please find enclosed Columbia's Sundry Notice for permission to install a 100 barrel open top tank in lieu of using an emergency pit at the above referenced wellsite.

Should you have any questions, or require additional information, please contact myself or Mr. Bill Ditter, Staff Production Engineer, at (713) 787-3400.

Very truly yours,

COLUMBIA GAS DEVELOPMENT CORPORATION

Trisha M. DiClementi

Trisha M. DiClementi
Regulatory Coordinator

TMD:az
Enclosures

cc: State of Utah Natural Resources
Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-31736	
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, TX 77251-1350		7. UNIT AGREEMENT NAME NA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 760' FNL & 1980' FWL, Sec. 31, T6S, R21E, SLB&M NE NW		8. FARM OR LEASE NAME Cowden	
14. PERMIT NO. 43-047-31768		9. WELL NO. #31-3	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4728' GR 4743' KB		10. FIELD AND POOL, OR WILDCAT Horseshoe Bend	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31-6S-21E, SLM	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Request Perm for Open Top Tank ☒

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Columbia Gas Development Corporation requests permission to install an open top tank (100 BBL) in lieu of using an emergency pit as originally requested 1/14/88.

Said tank shall also be used to vent the gas as per BLM approval dated 1/28/88.

OIL AND GAS	
DRN	RJF
1- JRB ✓	GLH
DTS	SLS
2- TAS	
3- MICROFILM ✓	
4- FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED Frederick M. O'Connell TITLE Regulatory Coordinator

DATE 9/20/89

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9-29-89

BY: John R. Boye

*See Instructions on Reverse Side

Federal approval of this action
is required before commencing
operations

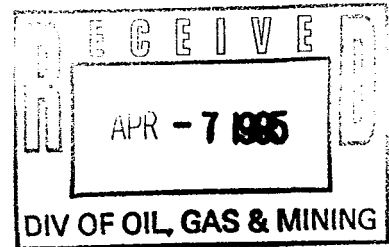
COLUMBIA GAS

Development



April 6, 1995

VIA AIRBORNE EXPRESS



State of Utah Natural Resources
Oil, Gas, & Mining Division
355 W. North Temple, 3 Triad Center, Ste. 350
Salt Lake City, Utah 84180-1203

Attention: Diane Nielson

Reference: Federal #33-3-J
Federal #33-6-F
Cowden #31-3-C
Horseshoe Bend Field
Uintah County, Utah

Dear Ms. Nielson:

Please see the following sundry notices containing information on re-completion procedures for the above-referenced wells. We hope to start work on these jobs in late April or the first of May. If these procedures meet with your approval please notify me at the address below.

Should you have any questions, or require additional information, please contact me at 713/871-3338, or at the address given below.

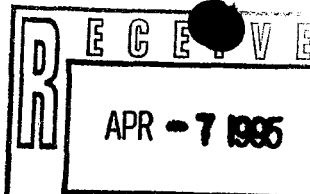
Sincerely,

COLUMBIA GAS DEVELOPMENT CORPORATION

A handwritten signature in cursive script that reads "Keith Oliver".

Keith Oliver
Regulatory Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

DIV OF OIL, GAS & MINING

5. Lease Designation and Serial No.

U-3176

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Cowden #31-3-C

9. API Well No.

43-047-31768

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Uintah, Co., UT

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Columbia Gas Development Corporation

3. Address and Telephone No.

P.O. Box 1350 Houston, TX 77251-1350

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

760' FNL & 1980' FWL Sec. 31-T6S-R21E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Attachment Details

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed

Keith Olive

Title Regulatory Clerk

Date 4-6-95

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**Cowden 31-3-C
Horseshoe Bend Field
Uintah County, Utah**

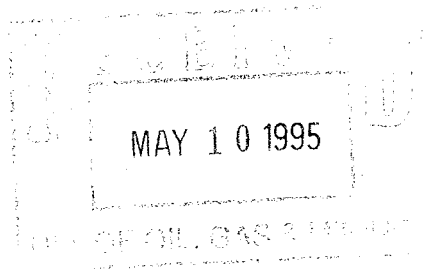
Re-completion Procedure:

1. MIRU workover rig. Pull rods pump. POOH w/tubing
2. Set cement retainer at 7000'. RU cement pumping company and pump 50 sx of neat Class "G" cement. Squeeze well with 35 sx of cement. Sting out of retainer and leave the last 15 sx on top of the retainer. PT casing to 2,000 psi for 15 minutes.
3. Perf 3,754' to 3,775' and 3,745' to 3,749' with 4SPF.
4. RIH w. packer. Set packer at 3,600'. Acidize perforations with 2,500 gallons of nitrified 15% HCl.
5. Swab test well. POOH.
6. Set BP at 3,730'. POOH.
7. PT casing to 1,000 psi. Perf the following intervals: 3,691'-3,699'; 3,677'-3,682'; 3,662'-3,656'-3,660'; 3,646'-3,651' w/ 4 SPF.
8. RIH w/ packer. Set packer at 3,550'. Acidize perforations with 3,000 gallons of nitrified 15% HCl.
9. Swab test well. After testing, POOH. RIH and BP. RIH and set packer at 3,550'. Swab well on production.

COLUMBIA GAS
Development



May 9, 1995



VIA AIRBORNE EXPRESS

State of Utah Natural Resources
Oil, Gas, & Mining Division
355 W. North Temple, 3 Triad Center, Ste. 350
Salt Lake City, Utah 84180-1203

Attention: Diane Nielson

Reference: Federal #33-3-J
Federal #33-6-F
Cowden #31-3-C
Horseshoe Bend Field
Uintah County, Utah

Dear Ms. Nielson:

Please see the following sundry notices containing information on recompletion procedures for the above-referenced wells. There have been a few small changes in the recompletion procedures. Please look over them and contact me at the address below. Copies have already been sent to the BLM in Vernal. We hope to start work on these jobs after we receive your approval.

Should you have any questions, or require additional information, please contact me at 713/871-3338, or at the address given below.

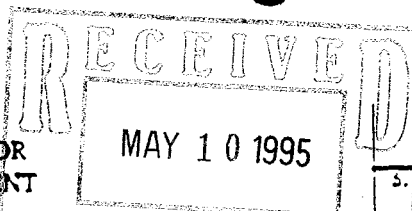
Sincerely,

COLUMBIA GAS DEVELOPMENT CORPORATION

A handwritten signature in cursive script that reads "Keith Oliver".

Keith Oliver
Regulatory Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Bureau Form No. 101M-0135
Expires: March 31, 1997

5. Lease Designation and Serial No.
U-31736

6. If Applicable, Address of Third Party:

NA

7. If Unit or CA, Agreement Designation:

NA

8. Well Name and No.
Cowden #31-3-C

9. API Well No.
43-047-31768

10. Field and Pool, or Exploratory Area
Horseshoe Bend

11. County or Parish, State
Uintah, Co., UT

SUNDRY NOTICES AND REPORTS ON WELLS OIL, GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Columbia Gas Development Corporation

3. Address and Telephone No.
P.O. Box 1350 Houston, TX 77251-1350

4. Location of Well (Tract, Sec., T., R., M., or Survey Description)
760' FNL & 1980' FWL, Sec. 31-T6S-R21E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Attachment for Details.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct:

Signed

Keith Quinn

Title

Regulatory Clerk

Date

5-9-95

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Cowden 31-3-C

Horseshoe Bend Field
Uintah County, Utah

Revised Prognosis

1. MIRU workover rig. Pull rods and pump. Kill well with FSW. NU BOP's. Unseat tubing anchor and POOH w/ tubing.
2. RIH w/ cast iron bridge plug on tubing. Set cast iron bridge plug at 6,800'. PT casing to 500 psi. RU cement pumping company and pump 35 sx of neat Class "G" cement with 5 BBL FW spacers on both sides of the slurry. Spot the slurry on top of the bridge plug. PU 200'. Reverse circulate tubing clean with 2% KCL water. POOH. PT casing to 2,000 psi for 15 minutes. *Note: This abandonment technique will allow for later recompletion back to the Green River in the event of a future water flood project or permanent abandonment of the Green River if the water flood does not come to fruition.*
3. RU wireline company. RU and test lubricator. Perforate 3,754' to 3,775' and 3,745' to 3,749' with 4 SPF. RD wireline company.
4. RIH w/ packer. Hydro test tubing to 5,000 psi going in hole. Set packer at 3,600'. ND BOP's. NU tree. PT annulus to 1,000 psi. Acidize perforations with 2,500 gallons of nitrified 15%HCl.
5. Swab test well. After testing, kill well with 2% KCL water. ND tree. NU BOP's. POOH. If lower interval tests wet, RU wireline company and set CIBP at 3,730'. Proceed to step #7.
6. If lower interval is productive, RIH w/ RBP on tubing. Set RBP at 3,730'. POOH w/ setting tool.
7. PT casing to 1,000 psi. RU wireline unit. RU and test lubricator. Perforate the following intervals: 3,691'-3,699'; 3,677'-3,682'; 3,662'-3,668'; 3,656'-3,660'; 3,646'-3,651' w/ 4 SPF. RD wireline company.
8. RIH w/ packer. Set packer at 3,550'. ND BOP's. NU tree. PT annulus to 1,000 psi. Acidize perforations with 3,000 gallons of nitrified 15%HCl.
9. Swab test well.
10. After testing, If a RBP was set, kill well with 2% KCL water. ND tree. NU BOP's. POOH. RIH with retrieving tool and pull RBP. RIH and set packer at 3,550'. ND BOP's. NU tree. Swab well on production.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

SONJA ROLFES
COLUMBIA GAS DEVELOPMENT
PO BOX 1350
HOUSTON TX 77251

UTAH ACCOUNT NUMBER: N5035REPORT PERIOD (MONTH/YEAR): 6 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name						Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location							OIL(BBL)	GAS(MCF)	WATER(BBL)
GOVT EVELYN CHAMBERS #1						ISMY			- 1126467		
4303730572	07100	31S	24E	6							
GOVT EVELYN CHAMBERS #2						ISMY			- 1126467		
4303730612	07100	31S	24E	5							
FEDERAL 33-8-N						GRRV			- 1137116		
4304731787	10760	06S	21E	33							
COWDEN 31-3-C						GRRV			- 1131736		
4304731768	10761	06S	21E	31							
ALTA #5-1-B						GRRV			- FEE	(Bond OK)	
4304731776	10771	07S	21E	5							
FEDERAL 33-6-F						SE NW GRRV			- 1128212		
4304731769	10779	06S	21E	33							
FEDERAL 33-3-J						NW SE GRRV			- 1128212		
4304731804	10787	06S	21E	33							
FEDERAL 33-7-L						NW SW GRRV			- 1150687	C.A. 11260783	
4304731844	10915	06S	21E	33							
ALTA 5-2-C						GRRV			- FEE	(Bond OK)	
4304731843	10916	07S	21E	5							
KANE SPRINGS FEDERAL 27-1						CNCR			- 1165971	Kane Springs Unit	
4301931310	11180	25S	19E	27							
KANE SPRINGS FEDERAL 19-1A						CNCR			- 112653626	Kane Springs Unit	
4301931324	11353	26S	20E	19							
KANE SPRINGS FEDERAL 28-1						CNCR			- 1150678	2000 Kane Springs Unit/Non RA	
4301931325	11354	25S	19E	28							
KANE SPRINGS FEDERAL 10-1						CNCR			- 112647858	Kane Springs Unit	
4301931331	11414	25S	18E	10							
TOTALS											

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

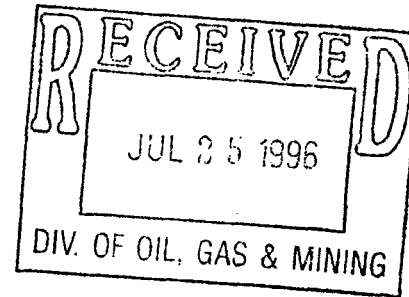
Telephone Number: _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3100
U-968 et al
(UT-932)

JUL 23 1996

NOTICE

Aviara Energy Corporation
P.O. Box 1350
Houston, Texas 77251-1350

:
:
:

Oil and Gas
U-968 et al

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Columbia Gas Development Corporation to Aviara Energy Corporation on Federal oil and gas leases.

For our purposes, the name change is recognized effective May 1, 1996 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator is required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal on the bond is required to be changed from Columbia Gas Development Corporation to Aviara Energy Corporation on Bond No. U-391050-16RR (BLM No. CO0356). A rider effecting this change has been submitted to the Colorado State Office of the BLM, which holds this nationwide bond.

ROBERT LOPEZ

Group Leader,
Minerals Adjudication Group

Enclosure

Exhibit (1 p.)

bc: Lisha Cordova, State of Utah, Division of Oil, Gas and Mining, P.O. Box 145801, Salt Lake City, Utah 84114-5801
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-931)
Irene Anderson (UT-932)

Exhibit of Leases

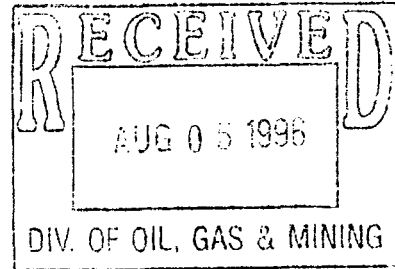
U-968	U-52277	UTU-65329
U-6911	U-52641	UTU-65795
U-15051	U-53624	UTU-65971
U-26467	U-53626	UTU-65972
U-28212	U-54037	UTU-65973
U-31736	U-55510	UTU-66020
U-34023	U-58517	UTU-66025
U-37116	U-60530	UTU-66849
U-46693	U-61182	UTU-67132
U-46697	U-61588	UTU-67552
U-47858	U-62181	UTU-67558
U-49964	U-62679	UTU-67854
U-50393	U-62832	UTU-68116
U-50678	U-62833	UTU-68117
U-50683	U-62906	UTU-68118
U-50687	U-63127	UTU-68122
U-51239	U-63128	UTU-68232
U-51636	UTU-64538	UTU-68342
U-51826	UTU-64927	UTU-69029
U-60780 (CA)	U-60783 (CA)	UTU-73405
UTU-67755X (Kane Springs Unit)		

Aviara Energy Corporation

VIA AIRBORNE EXPRESS

2 August 1996

State of Utah - Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114



Re: Notification of Name Change from "Columbia Gas Development Corporation" to "Aviara Energy Corporation".

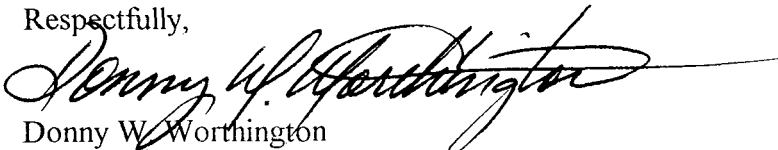
Dear Sirs;

Attached please find documents relating to our company name change from "Columbia Gas Development Corporation" to "Aviara Energy Corporation". I have attached our surety bond rider showing the name change of the principal as well as documents relating to the Corporate name change. These Corporate name change documents contain a Certificate of Corporate Resolution, a Certificate of Amendment of Certificate of Incorporation by the Secretary of State of the State of Delaware evidencing a change of name effective April 30, 1996 from "Columbia Gas Development Corporation" to "Aviara Energy Corporation" and an amended Certificate of Incumbency in accordance with the regulations concerning qualifications of corporations holding Federal leases. I have also attached a list of wells and their locations that will be affected by the name change.

We hereby formally request your acceptance of this rider, and thus, our name change. Please sign the rider and return the appropriate copies to Aviara Energy Corporation (attn: Mr. Dean Roy). Also, please have your office make the necessary changes in your records to reflect this name change at this time.

Should you have questions or require additional information, please feel free to call me at (713) 871-3631. Thank you.

Respectfully,


Donny W. Worthington
Manager, Environmental, Safety & Regulatory

DWW/
attachments:

UTAH

GRAND COUNTY

KANE SPRINGS FIELD

LOCATION

Kane Springs Federal #10-1	10-25S-18E
Kane Springs Federal Unit #16-1	16-25S-18E
Kane Springs Federal #19-1A	19-26S-20E
Kane Springs Federal #27-1	27-25S-19E
Kane Springs Federal #34-1	34-25S-19E
<i>Kane Springs Fed. 28-1</i>	<i>28-25S-19E</i>
<i>Kane Springs Fed. 20-1</i>	<i>20-26S-19E</i>

SAN JUAN COUNTY

LISBON FIELD

Government Evelyn Chambers #1 (T&Ad)
Government Evelyn Chambers #2 (T&Ad)

UINTAH COUNTY

HORSESHOE BEND FIELD

WELL

LOCATION

Alta 5-1-B	5-7S-21E
Alta 5-2-C	5-7S-21E
Cowden 31-3-C	31-6S-21E
Federal 33-3-J	33-6S-21E
Federal 33-6-F	33-6S-21E
Federal 33-7-L	33-6S-21E
Federal 33-8-N	33-6S-21E

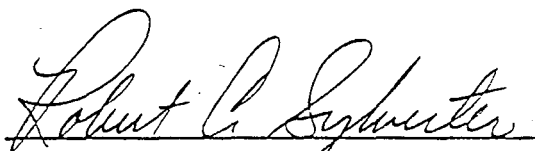
CERTIFICATE

I, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, a corporation organized and existing under the laws of the State of Delaware, do hereby certify that the attached document titled Certificate of Amendment of Certificate of Incorporation is a true and correct copy of the Certificate of Amendment of Certificate of Incorporation filed in the Secretary of State of the State of Delaware's office on April 30, 1996.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said Corporation this

5th

day of July, 1996.



Robert C. Sylvester
Assistant Secretary

CORPORATE SEAL

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COLUMBIA GAS DEVELOPMENT CORPORATION", CHANGING ITS NAME FROM "COLUMBIA GAS DEVELOPMENT CORPORATION" TO "AVIARA ENERGY CORPORATION", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF APRIL, A.D. 1996, AT 1:15 O'CLOCK P.M.



A handwritten signature in cursive script, reading "Edward J. Freel", is written over a horizontal line.

Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE:

7928485

05-01-96

0735923 8100

960125685

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 01:15 PM 04/30/1996
960124621 - 735923

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
COLUMBIA GAS DEVELOPMENT CORPORATION

Columbia Gas Development Corporation (the "Corporation"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That the Certificate of Incorporation of Columbia Gas Development Corporation is amended by amending Article First thereof to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter called "the Corporation") is Aviaara Energy Corporation."

SECOND: That said amendment was duly adopted in accordance with the provisions of §242 of the General Corporation Law of the State of Delaware and has been consented to in writing by the sole stockholder in accordance with §228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said Columbia Gas Development Corporation has caused this Certificate to be signed by Larry J. Bainter, its Treasurer this 29th day of April 1996.

Vice-President
[Signature]

COLUMBIA GAS DEVELOPMENT CORPORATION

By: *[Signature]*
Name: Larry J. Bainter
~~Treasurer~~

CERTIFICATE

The undersigned hereby certifies that he is Assistant Secretary of Aviara Energy Corporation, a Delaware corporation (the "Corporation"), that on the 19th day of June, 1996 by Unanimous Consent of the Board of Directors of the Corporation in Lieu of Special Meeting, pursuant to Section 141(f) of the Delaware Corporation Law, the following resolutions were adopted, with the same force and effect as though adopted at a Special Meeting of the Board of Directors of the Corporation duly called and held, that such resolutions are now in full force and effect, and that said resolutions have not been amended or rescinded:

RESOLVED, that, the Chairman and Chief Executive Officer, the President and Chief Operating Officer, the Vice Presidents and the Secretary of the Corporation, be and each of them is hereby authorized and empowered, without the joinder of any other officer of the Corporation, to execute for and on behalf of the Corporation, any and all bids for leases from the United States of America, through the Minerals Management Service (Department of Interior), of any tract or tracts owned by the United States of America, located in either onshore or offshore areas, including tracts in the Outer Continental Shelf, as may at any time, and from time to time, heretofore have been offered or hereafter may be offered for lease by the United States of America, all on such terms and conditions as may be specified in any such offer to lease and on such terms and conditions and for such consideration as the aforementioned officers of the corporation, or any one of them, may deem proper and advisable; and to further execute on behalf of the Corporation all agreements and other instruments (including, without limitation, applications, bids, leases, bonds, assignments, relinquishments, prospecting permits, division and transfer orders, guarantees, indemnities, designations of operator, unitization agreements, operating agreements, liquids commingling agreements, general correspondence and any other documents) which may be necessary, useful or expedient at any time in carrying on the business of the Corporation involving any such lease or asset with the United States of America or any agency, bureau or department thereof; and

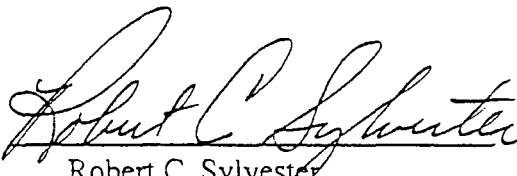
RESOLVED, that, any of such officers is further authorized and empowered to sell, assign, transfer, convey and deliver, in the name and on behalf of the Corporation any or all right, title and interest of any character in any lease or asset now owned or hereafter acquired by the Corporation covering any tract or tracts owned by the United States of America, or obtained or used in connection therewith, wherever located, for such prices and upon such terms and conditions as shall be approved by the Board of Directors; and

RESOLVED, that, the Chairman and Chief Executive Officer, the President and Chief Operating Officer, the Vice Presidents and the Secretary of the Corporation, be, and each of them is, hereby authorized and empowered, without the joinder of any other officer of the Corporation, to execute for and on behalf of the Corporation, any and all agreements and other instruments (including without limitation assignments of mining leases, prospecting permits, letter agreements,

consent forms, applications and approval letters) with the Tribe(s) of the Fort Peck Reservation and the Three Affiliated Tribes of the Fort Berthold Indian Reservation or any agency, bureau or department thereof, or any agency, bureau or department of the United States of America concerning same on such terms and conditions as may be specified and for such consideration as he may deem proper and advisable which may be necessary, useful or expedient at any time in carrying on the business of the Corporation upon the aforementioned Reservations; and

RESOLVED, that, the foregoing resolutions be deemed, and are effective, for all purposes as of April 30, 1996.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the Corporation this 5th day of July, 1996.


Robert C. Sylvester
Assistant Secretary

CORPORATE SEAL

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

STATEMENT OF AVIARA ENERGY CORPORATION

The undersigned, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, being first duly sworn on his oath, states that the following is correct to the best of his knowledge.

1. State of Incorporation. Aviara Energy Corporation is incorporated in the State of Delaware.
2. Authorization to hold oil and gas leases on OCS and other federal lands. Aviara Energy Corporation is authorized to hold oil and gas leases on the Outer Continental Shelf, on other federal lands, including onshore lands, and on tribal lands administered by the Bureau of Indian Affairs or other agency.

Dated this 5th day of July, 1996.

AVIARA ENERGY CORPORATION

By Robert C. Sylvester
Robert C. Sylvester
Assistant Secretary

CORPORATE SEAL

SUBSCRIBED AND SWORN TO before me this 5th day of July, 1996.

Carolyn Oliver
Notary Public, State of Texas



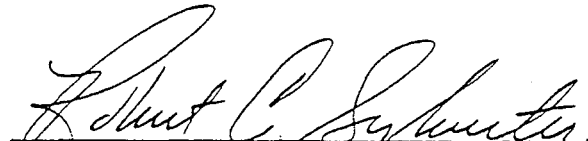
CAROLYN OLIVER
NOTARY PUBLIC, STATE OF TEX.
MY COMMISSION EXPIRES
JULY 19, 1997

CERTIFICATE OF INCUMBENCY

I, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, a Delaware corporation (the "Company"), do hereby certify that the following named persons now are, and at all times on and subsequent to April 30, 1996, have been duly elected or appointed, qualified and acting officers of the Company holding the offices set after their respective names as follows:

Tracy W. Krohn	Chairman and Chief Executive Officer
James L. Parker	President and Chief Operating Officer
David M. McCubbin	Vice President
Gary J. Mabie	Vice President
Ken Fagan	Vice President
Robert C. Sylvester	Treasurer and Assistant Secretary
Ivan Irwin, Jr.	Secretary
Jere F. Freel	Assistant Secretary

IN WITNESS WHEREOF, I have executed this Certificate and affixed the seal of the Company this 3rd day of July, 1996.


Robert C. Sylvester, Assistant Secretary

CORPORATE SEAL

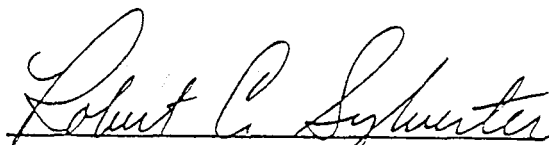
CERTIFICATE

I, Robert C. Sylvester, on behalf of Aviara Energy Corporation, (hereinafter called the "Company"), hereby certify that I am an Assistant Secretary of the Company and that:

The following officers and employees are authorized to execute leases, bids for leases, offers to lease, subleases, permits, licenses, applications therefor, assignments thereof, and requests for approval thereof, and other similar documents and to act on behalf of the Company in such matters.

<u>Name</u>	<u>Office/Title</u>
Tracy W. Krohn	Chairman and Chief Executive Officer
James L. Parker	President and Chief Operating Officer
Gary J. Mabie	Vice President
David M. McCubbin	Vice President
Ken Fagan	Vice President
Ivan Irwin, Jr.	Secretary

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of the Company
this 5th day of July, 1996.


Assistant Secretary

CORPORATE SEAL

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	6-LTC
2-GLH/EYL	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (~~well sold~~)

☐ Designation of Agent

☐ Designation of Operator

☒ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 5-1-96

TO: (new operator) AVIARA ENERGY CORPORATION
(address) PO BOX 1350
HOUSTON TX 77251

Phone: (713)871-3400

Account no. N5500 (8-6-96)

FROM: (old operator) COLUMBIA GAS DEVELOPMENT
(address) PO BOX 1350
HOUSTON TX 77251

Phone: (713)871-3400

Account no. N5035

WELL(S) attach additional page if needed:

***KANE SPRINGS UNIT**
C.A. UTU60783

Name: **SEE ATTACHED**	API: <u>43-047-31768</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form).
- See 2. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Reg. 7-25-96) (Rec'd 8-5-96)
- See 3. The Department of Commerce has been contacted if there are any wells in Utah. Is the company registered with the file number: 02-081180. (Rec'd 5-8-96)
- See 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The Make note of BLM status in comments section of this operator changes should ordinarily take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Info (8-6-96)
- See 6. Cardex file has been updated for each well listed above.
- See 7. Well file labels have been updated for each well listed above.
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (8-6-96)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OIL AND GAS	
JRB	
RJK	✓
SLS	
GLH	
DTS	
KAH	✓
JEH	✓
MICROFILM	
FILE	

rating
company

change.
an well
ore the

1 above.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-MEC	6-IT
2-GM/FYI	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

☒ Change of Operator (~~well sold~~)☐ Designation of Agent☐ Designation of Operator☒ Operator Name ~~Change Only~~The operator of the well(s) listed below has changed, effective: 5-1-96TO: (new operator) AVIARA ENERGY CORPORATION(address) PO BOX 1350HOUSTON TX 77251Phone: (713)871-3400Account no. N5500 (8-6-96)FROM: (old operator) COLUMBIA GAS DEVELOPMENT(address) PO BOX 1350HOUSTON TX 77251Phone: (713)871-3400Account no. N5035

WELL(S) attach additional page if needed:

KANE SPRINGS UNIT*C.A. UTU60783**

Name: **SEE ATTACHED**	API: <u>43-047-31768</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form).
- See 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Reg. 7-25-96) (Leid 8-5-96)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____. If yes, show company file number: 00-081180. (1-11-5-8-96)
- See 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (8-6-96)
- See 6. Cardex file has been updated for each well listed above. (8-6-96)
- See 7. Well file labels have been updated for each well listed above. (8-6-96)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (8-6-96)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- JEC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/H 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- JEC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond. *Trust Lands/Rec'd Bond Rider "Columbia to Aviana" *Rec'd "Rider" 8-5-96; bond no. chgd to 4274145L 80,000 Aviana Energy Corporation, United Pacific Ins.*
- ____ 2. A copy of this form has been placed in the new and former operator's bond files. ** Upon Compl. of routing.*
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- ____ 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- KDR 1. All attachments to this form have been microfilmed. Today's date: August 21, 1996

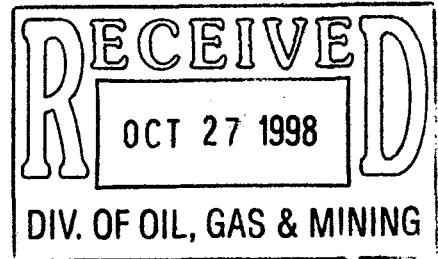
FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

760725 Bjm/sL Aprx. 1H 5-1-96.

**Aviara Energy
Corporation**



October 22, 1998

State of Utah
Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

Attention: Mr. Dan Jarvis

Reference: Horseshoe Bend Field
Water Disposal
Uintah County, Utah

Dear Mr. Jarvis:

Enclosed please find copies of the "Sundry Notices and Reports on Wells" which were filed with the Bureau of Land Management concerning the disposal of produced water from the above referenced field. These are being sent to you as requested in our telephone conversation of earlier this week.

I have been in contact with Snyder Oil Corporation concerning the compatibility analysis of the water to be injected into the Stirrup State #32-6 well. A copy of the analysis will be forwarded to you as soon as possible.

Please contact me at 713-871-3444 should you have any questions or require additional information. Thank you for your assistance.

Very truly yours,

AVIARA ENERGY CORPORATION

A handwritten signature in cursive script that reads "Victoria Guidry".

Victoria Guidry
Production/Regulatory Coordinator

/vjg

Enclosures

U:\user\...\reg\040

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Aviara Energy Corporation

3a. Address
P.O. Box 1350, Houston TX 77251-1350

3b. Phone No. (include area code)
713-871-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
760' FNL & 1980' FWL
Sec. 31, T6S, R21E

5. Lease Serial No.

U-31736

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA/Agreement, Name and/or No.

NA

8. Well Name and No.

Cowden #31-3-C

9. API Well No.

43-047-31768

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Utah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input checked="" type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Produced water from this well is being disposed
of at the following disposal facility:

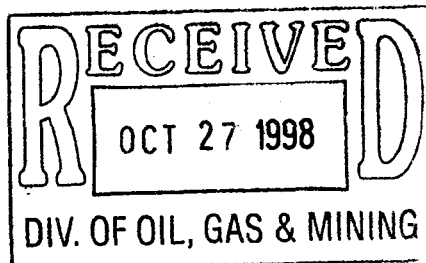
Stirrup State #32-6
NENE Sec. 32, T6S, R21E
Utah County, Utah

Operated by:
Snyder Oil Corporation

The facility listed below is
an alternate disposal facility:

LaPoint Disposal Pit
Sec. 12, T5S, R19E

Operated by:
Dave Murray



Produced water is trucked to the disposal location from the well/storage site.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Victoria Guidry

Title

Production/Regulatory Coordinator

Date

08/31/98

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Aviara Energy Corporation

3a. Address

P.O. Box 1350, Houston TX 77251-1350

3b. Phone No. (include area code)

713-871-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

760' FNL & 1980' FWL
Sec. 31, T6S, R21E

5. Lease Serial No.

U-31736

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA/Agreement, Name and/or No.

NA

8. Well Name and No.

Cowden #31-3-C

9. API Well No.

43-047-31768

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Utah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

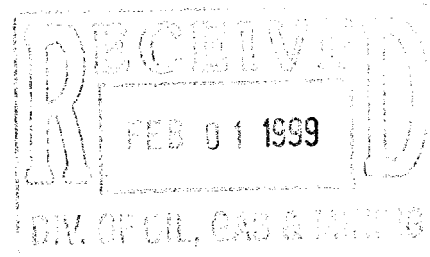
- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☒ Recomplete ☐ Other
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Recomplete this well as proposed in the attached "Recompletion Procedure".



COPY SENT TO OPERATOR
Date: 2-25-99
Initials: CHD

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Victoria Guidry

Title

Production/Regulatory Coordinator

Date

01/25/99

Accepted by the
Utah Division of
Oil, Gas and Mining

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Federal Approval of this
Action is Necessary

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Cowden #31-3-C
Recompletion Procedure
January 21, 1999
AFE # 991008

1. RU & TOH laying down rods and pump.
2. NU BOPs and TOH w/ tbg., LD 3200' and rack back the rest.
3. Set CIBP at 3950' to isolate Green River formation.
4. Perforate Uintah Sand at 3646-51', 56-60', 62-68', 77-82', 91-99', 3740-42', 45-49', 54-75', & 89-91'.
5. PU pkr and run tbg to 3600', set and test pkr.
6. ND BOPs and NU tree.
7. Acidize perms and swab test.
8. Run BH BU test, and produce if economical.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Aviara Energy Corporation

3a. Address
P.O. Box 1350, Houston TX 77251-1350

3b. Phone No. (include area code)
713-871-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
760' FNL & 1980' FWL
Sec. 31, T6S, R21E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires July 31, 1996

5. Lease Serial No.

U-31736

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA/Agreement, Name and/or No.

NA

8. Well Name and No.

Cowden #31-3-C

9. API Well No.

43-047-31768

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

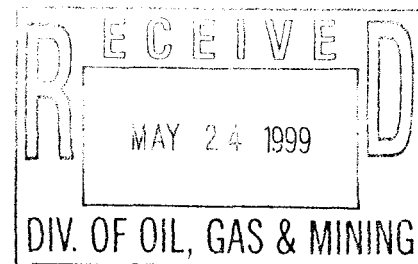
- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Well was recompleated on 4/27/99. See attached summary of the "Operations Performed".



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Victoria Guidry

Title

Production/Regulatory Coordinator

Date

05/21/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

COWDEN #31-3-C
Recompletion

Operations Performed

1. MIRU on 4/15/99. Unseated rod pump. POH laying down rods.
2. NU BOPs and POH with tbg.
3. Set CIBP @ 3950' isolating the Green River formation.
4. Perforated Uintah Sand @ 3646-51', 56-60', 62-68', 77-82' and 91-99'.
5. PU pkr and ran 109 jts of 2-3/8" tbg. Set pkr @ 3578'. Pressured up to 1000# - csg test good.
6. ND BOPs and NU wellhead.
7. Acidized perfs and swabed. Tested wet.
8. ND wellhead and RU BOPs. PU pkr.
9. Mixed & pumped 50 sxs cmt. Sqzd perfs 3646-3699'.
10. Rev out, released pkr. Pressured up csg to 1000 psi, pressured up tbg to 200 psi.
11. Closed well in for weekend.
12. RU to swab, made 3 runs, no flow from squeeze.
13. RD swab, released pkr, ND BOPs.
14. Set pkr @ 3488'. NU wellhead.
15. Swab'd from seating nipple.
16. RU Halliburton & RIH. Tagged cmt @ 3588'.
17. Pull up hole and shot perfs @ 3531-3536'. Swabed well. Tested wet.
18. RD equipment. Shut well in on 4/27/99.

Future utility in Green River formation.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Aviara Energy Corporation

3. Address and Telephone Number.

P.O. Box 1350, Houston TX 77251-1350

4. Location of Well

Footages: 760' FNL & 1980' FWL

QQ, Sec., T., R., M.: NENW Sec. 31, T6S, R21E

5. Lease Designation and Serial Number

U-31736

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Cowden #31-3-C

9. API Well Number:

43-047-31768

10. Field and Pool, or Wildcat

Horseshoe Bend

County: Uintah

State: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Notification of Shut-in Status-Annual 1999</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Not capable of production. Shut-in for re-evaluation of possible recompletion or temporary abandonment.

COPY SENT TO OPERATOR

Date: 3-3-00
Initials: CHD

13.

Name & Signature

Victoria Guidry

Title

Victoria Guidry

Production/Regulatory Coordinator

Date 02/28/00

(This space for State use only)

The Extension for Shut-in or Temporarily Abandonment may be issued, in accordance with R649-3-36.1.1, 1.2 & 1.3, upon receipt and review, by the Division of Oil, Gas & Mining of the supporting data specified in the sited rule. 7A 2-Mar-2000

(5/94)

(See Instructions on Reverse Side)

Accepted by the
Utah Division of
Oil, Gas & Mining

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Aviara Energy Corporation

3a. Address
P.O. Box 1350, Houston TX 77251-1350

3b. Phone No. (include area code)
713-871-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**760' FNL & 1980' FWL
NENW, Sec. 31, T6S, R21E**

5. Lease Serial No.

U-31736

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA/Agreement, Name and/or No.
NA

8. Well Name and No.
Cowden #31-3-C

9. API Well No.
43-047-31768

10. Field and Pool, or Exploratory Area
Horseshoe Bend

11. County or Parish, State
Utah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|---|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input checked="" type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Aviara Energy Corp. respectfully requests a one year extension of the approved temporarily abandon status of this well.

The possible use of this wellbore for a field water flood project is under evaluation. A pilot water flood is currently underway in this field.

THIS SUNDRY IS BEING RETURNED, INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION.

RECEIVED

The well has been nonactive or nonproductive for 2.33 years. In accordance with R649-3-36, a sundry notice shall be filed indicating the reasons and length of time for the well shut-in or temporary abandonment and a demonstration of the well's integrity; evidence that the well is not a risk to public health and safety or the environment. Upon receipt of this required information, the Division will either approve the request or require remedial measures to be taken to establish and maintain the wells integrity.

APR 18 2004
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Victoria Guidry

Title

Production/Regulatory Coordinator

Date

03/30/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number

U-31736

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:8. Well Name and Number:
Cowden #31-3-C

2. Name of Operator

Aviara Energy Corporation

9. API Well Number:

43-047-31768

3. Address and Telephone Number.

P.O. Box 1350, Houston TX 77251-135010. Field and Pool, or Wildcat
Horseshoe Bend

4. Location of Well

Footages: **760' FNL & 1980' FWL**County: **Uintah**QQ, Sec., T., R., M.: **NENW Sec. 31, T6S, R21E**State: **UT****11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****NOTICE OF INTENT**
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Extension of T&A Status</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report 2001 & Integrity Test</u> | |

Date of work completion 06/01/01Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Aviara Energy Corp. is re-submitting it's request for extension of the temporarily abandon status of this well until April 1, 2002. (The original request was submitted on 3/30/01).

In accordance with R649-3-36 the results of the well integrity test performed on June 1, 2001 is attached. The well was tested to 1000 psi and held okay for 1 hour.

The possible use of this wellbore for a field water flood project is under evaluation. A pilot water flood is currently underway in this field.

13.

Name & Signature

Victoria Guidry

Title

Victoria Guidry

Production/Regulatory Coordinator

Date 07/19/01

(This space for State use only)

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: 9/17/01By: Ad R Durt

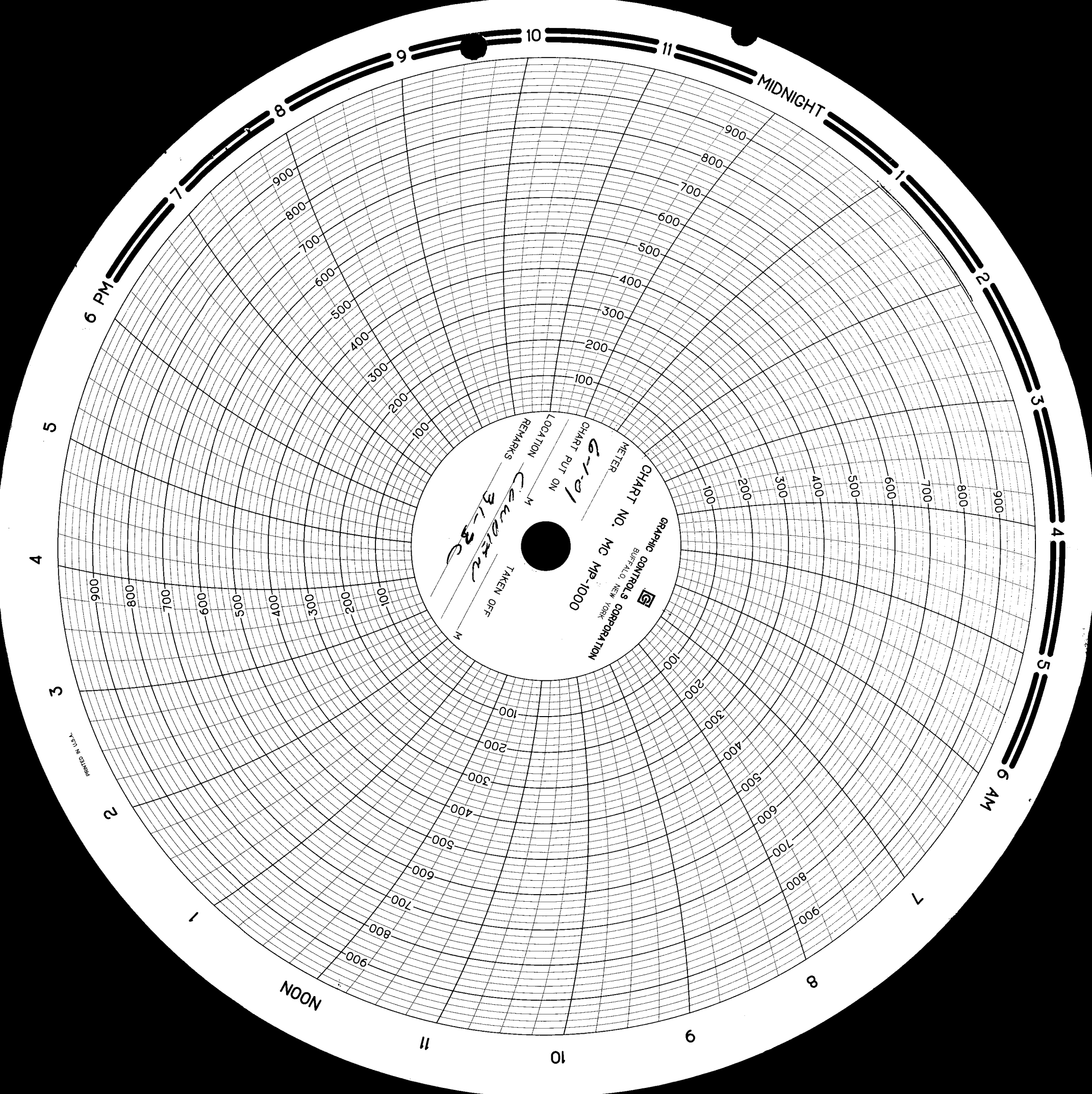
(See Instructions on Reverse Side)

STATE FAX: 4/1/2002

Federal Approval Of This
Action Is Necessary

COPY SENT TO OPERATOR

Date: 9-17-01Initials: CHD



AVIARA
ENERGY CORPORATION

One Riverway, Suite 700
Houston, Texas 77056

July 19, 2001

State of Utah
Division of Oil, Gas, and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84116

Attention: Mr. John Baza

Reference: Shut-in/Temporarily Abandoned Wells
Annual Status Update 2001
Re-submitted Request

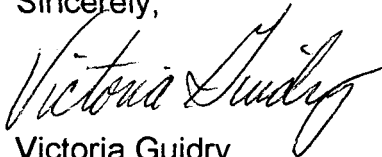
Dear Mr. Baza:

Enclosed please find a Sundry Notice for several inactive wells operated by Aviara Energy Corporation in Utah. A request to extend the shut-in and temporarily abandoned status of these wells for another year was submitted in late March 2001, however they were returned without approval due to insufficient data.

Aviara is re-submitting these Sundry Notices for approval. Well integrity tests have been run which indicate that the wells are not a risk to public health and safety or the environment as specified in R649-3-36.

I apologize for the delay in forwarding this information; I was out of the office when the test results were received from the field personnel. Please contact me at 713-871-3444 if you require further information.

Sincerely,



Victoria Guidry
Production/Regulatory Coordinator

/vjg

Enclosures

H:\...\docs\utah\001

100-13-100
JUL 20 2001
DO
CULC

HUNT PETROLEUM (AEC), INC.

1601 Elm Street, Suite 3400

Dallas, Texas 75201

July 11, 2002

State of Utah
Department of Oil, Gas & Minerals
1594 West N. Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Attn: Mr. Jim Hamilton

Re: Travelers Bond No. 103860066

Dear Sir:

This is to advise you that Aviara Energy Corporation has changed its name to Hunt Petroleum (AEC), Inc., effective July 1, 2002. Attached is a Surety Rider to Travelers Bond #103860066 (which replaced CNA Bond No. 159209096) and a copy of the Surety Bond on State of Utah Form 4A currently on file with the State of Utah, Department of Natural Resources.

If you have any questions please give me a call at (214) 880-8916.

Yours very truly,



Mary Melvin
Legal Assistant

attachments

cc: Max Gardner (w/enc.)
Donny Worthington (w/enc.)
Gerald Phillips (w/enc.)

Receipt acknowledged this ___ day of July 2002.

STATE OF UTAH, Department of Oil, Gas & Minerals

By: _____

Title: _____

RECEIVED
JUL 15 2002
DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:
3106 (MM)

July 22, 2002

NOTICE

Hunt Petroleum (AEC), Inc.
1601 Elm Street, Suite 3400
Dallas, TX 75201

:
:
: Oil and Gas
:

Name Change Recognized

Acceptable evidence was filed and accepted by this office concerning the name change of Aviara Energy Corporation to Hunt Petroleum (AEC), Inc. with Hunt Petroleum (AEC), Inc. being the surviving entity. For our purposes, the name change was recognized effective July 1, 2002 the date of acceptance by the Secretary of the State of Delaware.

A rider changing the name of the principal on Nationwide bond number 159209244 (BLM Bond CO-1274) previously held by Aviara and issued by Continental Casualty Company, was changed to Hunt Petroleum (AEC), Inc. effective July 12, 2002.

The oil and gas lease files identified on the enclosed Exhibit A, supplied by Hunt Petroleum (AEC), Inc. were updated to reflect the new name. We have not abstracted the lease files to determine if the entities affected by the name change hold an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Mineral Management Services (MMS) and applicable Bureau of Land Management (BLM) Field Offices of the name change by copy of this notice. If our field offices require additional documentation for changes of operator, they will contact you.

If you identify additional leases where the affected parties maintain an interest, please contact this office and we will document the files under our jurisdiction with a copy of this Notice. If the leases are under the jurisdiction of another State Office, we will notify them.

If you have any questions concerning this correspondence, please call Martha Maxwell at (303)239-3768.

Michelle K. Derringer
FOR Beverly Derringer
Chief, Fluid Minerals Adjudication

Exhibit A sent to Eastern SO, New Mexico SO, Montana SO, Utah SO, Wyoming SO &
MMS-MRM, MS357B1, PO Box 5760, Denver, CO 80217
Decision Letter sent to All State Offices via BLM_Fluids_Forum

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER See attachment

2. NAME OF OPERATOR:
Hunt Petroleum (AEC), Inc.

3. ADDRESS OF OPERATOR:
1601 Elm Street, Suite 3400 Dallas, TX 75201

PHONE NUMBER:
214-880-8855

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change of company from Aviaara Energy Inc. to Hunt Petroleum (AEC), Inc.
effective July 1, 2002.

NAME (PLEASE PRINT) Lisa Augustine

TITLE Agent

SIGNATURE

Lisa Augustine

DATE August 6, 2002

(This space for State use only)

RECEIVED

AUG 07 2002

DIVISION OF
OIL, GAS AND MINING

api	well_name	section	township	range	ll_status_m
4301931310	KANE SPRINGS FED 27-1	27	250S	190E	P
4301931324	KANE SPRINGS FED 19-1A	19	260S	200E	P
4301931325	KANE SPRINGS FED 28-1	28	250S	190E	S
4301931331	KANE SPRINGS FED 10-1	10	250S	180E	P
4301931332	KANE SPRINGS FED 20-1	20	260S	190E	S
4301931334	KANE SPRINGS FED 25-19-34-1	34	250S	190E	P
4301931363	CANE CREEK FEDERAL 7-1	07	250S	190E	DRL
4301931364	CANE CREEK FED 11-1	11	260S	190E	DRL
4301931365	CANE CREEK 30-1	30	260S	200E	APD
4301931379	KANE SPRINGS FED 3-1	03	260S	190E	APD
4303730572	GOVT EVELYN CHAMBERS 1	06	310S	240E	S
4303730612	GOVT EVELYN CHAMBERS 2	05	310S	240E	S
4304731768	COWDEN 31-3-C	31	060S	210E	S
4304731769	FEDERAL 33-6-F	33	060S	210E	P
4304731787	FEDERAL 33-8-N	33	060S	210E	P
4304731804	FEDERAL 33-3-J	33	060S	210E	S
4304731844	FEDERAL 33-7-L	33	060S	210E	P
4301931341	KANE SPRINGS 16-1	16	250S	180E	A
4304731776	ALTA 5-1-B	05	070S	210E	P
4304731843	ALTA 5-2-C	05	070S	210E	P

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW ✓

3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **07-01-2002****FROM: (Old Operator):**

AVIARA ENERGY CORPORATION

Address: 1601 ELM STREET, STE 3400

DALLAS, TX 75201

Phone: 1-(214)-880-8850

Account No. N5500

TO: (New Operator):

HUNT PETROLEUM (AEC) INC

Address: 1601 ELM STREET, STE 3400

DALLAS, TX 75201

Phone: 1-(214)-880-8850

Account No. N2180

CA NO.**Unit:****WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
GOV'T EVELYN CHAMBERS 2	05-31S-24E	43-037-30612	7100	FEDERAL	GW	S
GOV'T EVELYN CHAMBERS 1	06-31S-24E	43-037-30572	7100	FEDERAL	GW	S
COWDEN 31-3-C	31-06S-21E	43-047-31768	10761	FEDERAL	GW	S
FEDERAL 33-6-F	33-06S-21E	43-047-31769	10779	FEDERAL	OW	P
FEDERAL 33-8-N	33-06S-21E	43-047-31787	10760	FEDERAL	OW	P
FEDERAL 33-3-J	33-06S-21E	43-047-31804	10787	FEDERAL	OW	S
FEDERAL 33-7-L	33-06S-21E	43-047-31844	10915	FEDERAL	OW	S

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 07/15/2002
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/07/2002
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/07/2002
- Is the new operator registered in the State of Utah: YES Business Number: 56883-0143
- If **NO**, the operator was contacted on: N/A
- (R649-9-2) Waste Management Plan received on: IN PLACE

- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/01/2002

7. Federal and Indian Units:

The BLM or BIA has approved the successor of unit operator for wells listed on: 07/01/2002

8. Federal and Indian Communization Agreements ("CA"):

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. Underground Injection Control ("UIC") The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 07/08/2002

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 08/08/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/08/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO-1274

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT OF CO AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐GAS WELL ☐OTHER See Attachment

2. NAME OF OPERATOR:

SUMMIT OPERATING, LLC

3. ADDRESS OF OPERATOR:

PO BOX 683909CITY Park CitySTATE UTZIP 84068

PHONE NUMBER:

435-940-9001

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE☐ ALTER CASING☐ CASING REPAIR☐ CHANGE TO PREVIOUS PLANS☐ CHANGE TUBING☐ CHANGE WELL NAME☐ CHANGE WELL STATUS☐ COMINGLE PRODUCING FORMATIONS☐ CONVERT WELL TYPE☐ DEEPEN☐ FRACTURE TREAT☐ NEW CONSTRUCTION☒ OPERATOR CHANGE☐ PLUG AND ABANDON☐ PLUG BACK☐ PRODUCTION (START/RESUME)☐ RECLAMATION OF WELL SITE☐ RECOMPLETE - DIFFERENT FORMATION☐ REPERFORATE CURRENT FORMATION☐ SIDETRACK TO REPAIR WELL☐ TEMPORARILY ABANDON☐ TUBING REPAIR☐ VENT OR FLARE☐ WATER DISPOSAL☐ WATER SHUT-OFF☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Hunt Petroleum (AEC), Inc. is conveying 100% of its right, title and interest in and to the wells listed on the Attachment. N2180

NEW OPERATOR: SUMMIT OPERATING, LLC

BLM BUND #: UT 8000014

EFFECTIVE DATE: 12/1/02

Name (Please Print) STEVE BROOKSTitle LAND MANAGERSignature Steve BrooksDate 1-27-03

NAME (PLEASE PRINT)

David Lillywhite

TITLE

Manager

SIGNATURE

David Lillywhite

DATE

12/13/02

(This space for State use only)

179.158

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: SUMMIT OPERATING, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO BOX 683909 CITY PARK CITY STATE UT ZIP 84068		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (435) 940-9001		8. WELL NAME and NUMBER: MULTIPLE
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		9. API NUMBER: MULTIPLE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT: HORSESHOE BEND
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

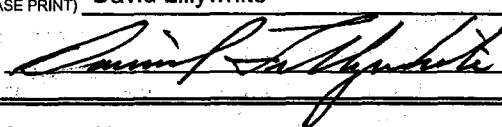
Please be advised that Summit has acquired the following wells from Hunt Petroleum effective December 1, 2002. The properties will be operated by Summit Operating, LLC #N2315. The appropriate bonding should be in place with the state:

WELL NAME	API NUMBER
FEDERAL 33-3-J	43-047-31804-00-00-
FEDERAL 33-7-L	43-047-31844-00-00-
FEDERAL 33-8-N	43-047-31787-00-00-
COWDEN 31-3-C	43-047-31768-00-00-
ALTA 5-2-C	43-047-31843-00-00-
ALTA 5-1-B	43-047-31776-00-00-
FEDERAL 33-6-F	43-047-31769-00-00-

RECEIVED

JAN 28 2003

DIV. OF OIL GAS & MINING

NAME (PLEASE PRINT) David Lillywhite	TITLE Manager
SIGNATURE 	DATE 1/24/2003

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: SUMMIT OPERATING, LLC <i>N2315</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO BOX 683909 CITY PARK CITY STATE UT ZIP 84068		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		8. WELL NAME and NUMBER: MULTIPLE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER: MULTIPLE
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: HORSESHOE BEND
STATE: UTAH		

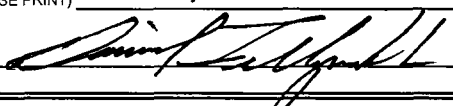
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Summit has acquired the following wells from Hunt Petroleum effective December 1, 2002. The properties will be operated by Summit Operating, LLC #N2315. The appropriate bonding should be in place with the state:

WELL NAME	API NUMBER
FEDERAL 33-3-J	43-047-31804-00-00-
FEDERAL 33-7-L	43-047-31844-00-00- ✓
FEDERAL 33-8-N	43-047-31787-00-00- ✓
COWDEN 31-3-C	43-047-31768-00-00-
ALTA 5-2-C	43-047-31843-00-00-
ALTA 5-1-B	43-047-31776-00-00-
FEDERAL 33-6-F	43-047-31769-00-00-

RECEIVED
JAN 28 2003
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>David Lillywhite</u>	TITLE <u>Manager</u>
SIGNATURE 	DATE <u>1/24/2003</u>

(This space for State use only)

October 22, 2002
List of Wells

<u>Well Name & Number</u>	<u>Location</u>	<u>Well Type</u>	<u>API Number</u>	<u>Well Status</u>
Federal 33-6-F	06S21E33	OW	4304731769	POW
Federal 33-7-L	06S21E33	OW	4304731844	POW
Federal 33-3-J	06S21E33	OW	4304731804	SOW
Federal 33-8-N	06S21E33	OW	4304731787	POW
Cowden 31-3-C	06S21E31	GW	4304731768	SGW
Alta 5-1-B	07S21E05	OW	4304731776	POW
Alta 5-2-C	07S21E05	OW	4304731843	POW

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective **12/01/2002****FROM:** (Old Operator):

HUNT PETROLEUM CORPORATION

1601 Elm Street, Suite 3400

Dallas, TX 75201

Phone: 1-(214) 880-8914

Account No. N 2180

TO: (New Operator):

SUMMIT OPERATING, LLC

PO Box 683909

Park City, UT 84068

Phone: 1-(435) 940-9001

Account No. N2315

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
COWDEN 31-3-C	31	060S	210E	4304731768	10761	Federal	GW	S
FEDERAL 33-6-F	33	060S	210E	4304731769	10779	Federal	OW	P
FEDERAL 33-8-N	33	060S	210E	4304731787	10760	Federal	OW	P
FEDERAL 33-3-J	33	060S	210E	4304731804	10787	Federal	OW	S
FEDERAL 33-7-L	33	060S	210E	4304731844	10787	Federal	OW	P
ALTA 5-1-B	05	070S	210E	4304731776	10771	Fee	OW	S
ALTA 5-2-C	05	070S	210E	4304731843	10916	Fee	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/27/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/28/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on 06/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 2036229-0160
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: IN PLACE

- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases BLM 06/09/2003 BIA N/A

8. **Federal and Indian Units:**The BLM or BIA has approved the successor of unit operator for wells listed on 06/09/2003

9. Federal and Indian Communization Agreements ("CA"):

The BLM or BIA has approved the operator for all wells listed within a CA on: 04/29/2003

10. Underground Injection Control ("The Division has approved UIC Form 5, Transfer of Authority to Inject for the enhanced/secondary recovery unit/project for the water disposal well(s) listed N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 06/30/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on 06/30/2003
3. Bond information entered in RBDMS on: 06/30/2006
4. Fee wells attached to bond in RBDMS on: 06/30/2003

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B000014

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number: ZSB800622
2. The FORMER operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on 06/30/2003

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

June 9, 2003

David Lillywhite
Summit Operating, LLC
P. O. Box 683909
Park City, Utah 84068

Re: Well No. Cowden 31-3
NENW, Sec. 31, T6S, R21E
Uintah County, Utah
Lease No. U-31736

Dear Mr. Lillywhite:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Summit Operating, LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000014, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood
Petroleum Engineer

cc: UDOGM
Hunt Petroleum
Westport O&G

RECEIVED

JUN 11 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
As Described Below

6. If Indian, Allottee or Tribe Name:

SUBMIT IN TRIPLICATE

7. If Unit or CA/Agreement, Name:
As Described Below

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and Number
As Described Below

2. Name of Operator

Alberta Gas Company N3650

9. API Number:
As Described Below

3. Address
933 East 2000 North, Vernal, UT 84078

Phone Number:
435-459-1454

10. Field and Pool, or Wildcat:
Horseshoe Bend

4. Location of Well:

As Described Below

County: UINTAH

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATE

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent Approximate date work will start:	<input type="checkbox"/> Acidize <input type="checkbox"/> Alter Casing <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change to Plans <input type="checkbox"/> Change Tubing <input type="checkbox"/> Change Well Name <input type="checkbox"/> Change Well Status <input type="checkbox"/> Commingle Producing Form. <input type="checkbox"/> Convert Well Types	<input type="checkbox"/> Deepen <input type="checkbox"/> Fracture Treat <input type="checkbox"/> New Construction <input type="checkbox"/> Operator Change <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Plug Back <input type="checkbox"/> Production (start/resume) <input type="checkbox"/> Reclamation of Well Site <input type="checkbox"/> Re-complte Different Form	<input type="checkbox"/> Re-perforate Current Form. <input type="checkbox"/> Sidetrack to Repair Well <input type="checkbox"/> Temp. Abandon <input type="checkbox"/> Tubing Repair <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Disposal <input type="checkbox"/> Water Shut Off <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
<input checked="" type="checkbox"/> Subsequent Report Date of work completion:			

12. Describe Proposed or Completed Operation

PLEASE BE ADVISED THAT EFFECTIVE 9/1/04 ALBERTA GAS COMPANY HAS ACQUIRED 100% OF SUMMT'S RIGHT, TITLE, AND INTEREST IN AND TO THE FOLLOWING WELLS:

Alta 5-1-B NW/4NE/4 Section 5, T7S R21E 4304731776

Alta 5-2-C NE/4NW/4 Section 5, T7S R21E 4304731843

Cowden 31-3-C NE/4NW/4 Section 31 T6S R21E 4304731768 BLM BOND# UT1130

NOTICE HAS ALSO BEEN GIVEN TO THE BLM. PLEASE CHANGE YOUR RECORDS TO REFLECT ALBERTA GAS COMPANY AS THE OPERATOR OF RECORD.

Agreed:

Summit Operating, LLC

N2315

RECEIVED

DEC 09 2004

DIV. OF OIL, GAS & MINING

Name David Swett

Title President/Owner

Signature

Date October 14, 2004

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 26 2005

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3. Address and Telephone No.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Change of Operator

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

"Please be advised that Alberta Gas Co is considered to be the operator of Well No. Cowden 31-3-C; NE 1/4 NW 1/4 Section 31, Township 6S, Range 21E; Lease 4 31736; Christal County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Ut 1130."

14. I hereby certify that the foregoing is true and correct

Signed

Title

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410
<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

January 31, 2005

David Swett
Alberta Gas Company
933 East 2000 North
Vernal, Utah 84078

Re: Well No. Cowden 31-3
NENW, Sec. 31, T6S, R21E
Uintah County, Utah
Lease No. UTU-31736

Dear Mr. Swett:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Alberta Gas Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT1130, for all operations conducted on the referenced well on the leased land.

Our records show that a right-of-way, UTU-61942 has been issued for the off lease portion of the pipeline to the subject well. In order for Alberta Gas Company to obtain the Bureau of Land Management's approval for the use of this right-of-way, you must have this right-of-way assigned over to Alberta Gas Company. Please contact Cindy McKee at 435-781-4434 for instructions on how to complete the assignment of the right-of-way.

If you have any other questions concerning this matter, please contact Leslie Wilcken of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood
Petroleum Engineer

cc: UDOGM
Hunt Petroleum (AEC) Inc.
Westport O&G Co. LP

RECEIVED

FEB 14 2005

DIV. OF OIL, GAS & MINING

3. FILE

Designation of Agent/Operator

Merger

9/1/2004

Phone: 1-(435) 459-1454

Unit:

NAME _____

SEC TWN RNG

API NO**ENTITY****LEASE**

WELL

WELL

COWDEN 31-3-C

31

060S

210E

4304731768

10761

Federal

GW

S

n/a

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 1/31/2005 BIA n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/16/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/16/2005
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT1130

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER UTU31736
2. NAME OF OPERATOR Alberta Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 780730 CITY: Vernal STATE: UT ZIP: 84079		7. LIFT OR CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QUARTER, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 31 060 21E S		8. WELL NAME AND NUMBER: Cowden 31-3-C
PHONE NUMBER: (435) 458-1454		9. API NUMBER: 4304731768
COUNTY: Uintah		10. FIELD AND POOL OR WELDCAT: Horseshoe Bend
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA.

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Change well type from gas well to oil well

COPY SENT TO OPERATOR
Date: 12.3.2009
Initials: KS

RECEIVED
AUG 24 2009
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Dan Smith TITLE 88-10-09
SIGNATURE [Signature] DATE _____

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12/1/09
BY: [Signature]

ATTN: CAROL DANIELS
801 - 359-3940

From: Alberta Gas Co.
Pres: David Swett
435 - 781-0606

RECEIVED
AUG 24 2009
DIV. OF OIL, GAS & MINING